Appendix I

In Vitro NRU Data

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Appendix I-1

3T3 NRU Test Chemical Data

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3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
ACETAMINOPHEN															
IIVS															
A1	RF	AA61HU	30.8	0.203	0.266	0.88%	2	6	0.9628	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A5
B1	DF	AA61HU	32.1	0.212	0.457	0.71%	3	5	0.9728	100, 66.7, 44.4, 29.6, 19.8, 13.2, 8.78, 5.85	1.5	YES			SLS-B5
B2	DF	AA61HU	54.8	0.363	0.402	4.77%	2	5	0.9221	100, 66.7, 44.4, 29.6, 19.8, 13.2, 8.78, 5.85	1.5	YES			SLS-B9
B3	DF	AA61HU	43.3	0.286	0.356	1.85%	3	5	0.9794	100, 66.7, 44.4, 29.6, 19.8, 13.2, 8.78, 5.85	1.5	YES			SLS-B10
ECBC															
AA61LR-A1	RF	AA61LR	66.8	0.442	0.253	4.38%	2	0	0.9619	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-14
AA61LR-B1	DF	AA61LR	30.3	0.200	0.449	13.54%	5	3	0.9875	200, 136, 92.6, 63.0, 42.8, 29.1, 19.8, 13.5	1.47	YES			SLS-P38
AA61LR-B2	DF	AA61LR	46.1	0.305	0.298	3.30%	4	4	0.9557	200, 136, 92.6, 63.0, 42.8, 29.1, 19.8, 13.5	1.47	YES			SLS-P39
AA61LR-B3	DF	AA61LR	46.1	0.305	0.407	3.13%	4	4	0.9855	200, 136, 92.6, 63.0, 42.8, 29.1, 19.8, 13.5	1.47	YES			SLS-P42
FRAME															
FAL.3T3.PY.A1.21.10.04	RF	AA61PY	62.1	0.411	0.212	1.41%	2	6	0.9541	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.3T3.SLS.21.10.04
FAL.3T3.PY.B1.26.11.04	DF	AA61PY	92.3	0.610	0.290	3.71%	4	2	0.9374	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	YES			FAL.3T3.SLS.26.11.04
FAL.3T3.PY.B2.02.12.04	DF	AA61PY	57.1	0.378	0.194	4.85%	6	2	0.9518	500, 340, 231, 157, 107, 72.8, 49.6, 33.7	1.47	YES			FAL.3T3.SLS.03.12.04
FAL.3T3.PY.B3.09.12.04	DF	AA61PY	49.1	0.325	0.416	1.16%	6	2	0.9672	500, 340, 231, 157, 107, 72.8, 49.6, 33.7	1.47	YES			FAL.3T3.SLS.09.12.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
ACETONITRILE															
IIVS															
A1	RF	AA61GF	NA	NA	0.393	2.29%	0.0	7	0.0319	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A1
B1	DF	AA61GF	18100	441.25	0.305	45.66%	2	3	0.8837	100000, 71429, 51020, 36443, 26031, 18593, 13281, 9486	1.4	NO	% VC difference >15	VC1 ODs lower than VC2 values; volatility issues. VC1 removed from subsequent analysis.	SLS-B6
B2	DF	AA61GF	10500	256.854	0.426	0.14%	4	1	0.9638	100000, 71429, 51020, 36443, 26031, 18593, 13281, 9486	1.4	YES		OD measured 15-16 hr late; orignial reading used wrong OD wavelength; plate sealer used; outliers removed by SD; ppt in 1X C1-C4	SLS-B11
B3	DF	AA61GF	8070	196.647	0.330	3.56%	6	2	0.9540	20000, 16667,13889, 11574, 9645, 8038, 6698, 5582	1.2	YES		plate sealer used	SLS-B12
B4	DF	AA61GF	9420	229.449	0.336	0.05%	4	4	0.8516	20000, 16667,13889, 11574, 9645, 8038, 6698, 5582	1.2	YES		plate sealer used; outliers removed by SD	SLS-B13
B5	DF	AA61GF	NA	NA	NA	NA	NA	NA	NA	NA	NA	NO	PC fails		SLS-B14
ECBC															
AA61PH-A1	RF	AA61PH	NA	NA	0.309	4.26%	0	0	NA	10000, 1000, 100,10, 1, 0.1, 0.01, 0.001	10	RF	range finder	no toxicity detected	SLS-P1
AA61PH-A2	RF	AA61PH	NA	NA	0.308	36.98%	2	3	NA	200000, 20000, 2000, 200, 20, 2, 0.2, 0.02	10	RF	range finder		SLS-P3
AA61PH-B1(sealer)	DF	AA61PH	NA	NA	0.372	19.13%	5	2	NA	50000, 34014, 23139, 15740, 10708, 7284, 4955, 3371	1.47	NO	%VC difference > 15		SLS-P38
AA61PH-B2 (sealer)	DF	AA61PH	NA	NA	0.257	29.42%	6	1	NA	50000, 34014, 23139, 15740, 10708, 7284, 4955, 3371	1.47	NO	%VC difference > 15		SLS-P39
AA61PH-B3 (sealer)	DF	AA61PH	6340	154.414	0.448	7.35%	6	2	0.9770	50000, 34014, 23139, 15740, 10708, 7284, 4955, 3371	1.47	YES			SLS-P41
AA61PH-B4 (sealer)	DF	AA61PH	6580	160.209	0.445	14.54%	4	2	0.9796	40000, 27211, 18511, 12592, 8566, 5827, 3964, 2697	1.47	YES			SLS-P43
AA61PH-B5 (sealer)	DF	AA61PH	6380	155.484	0.453	4.90%	5	3	0.9823	40000, 27211, 18511, 12592, 8566, 5827, 3964, 2697	1.47	YES			SLS-P45
FRAME															
FAL3T3.PL.A1.22-01-04	RF	AA61PL	NA	NA	0.439	1.52%	0	3	0.0000	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.3T3.SLS.22/01/04
FAL3T3.PL.B1.29-01-04	DF	AA61PL	56800	1382.569	0.404	17.45%	1	4	0.8826	100000, 46512, 21633, 10062, 4680, 2177, 1012, 471	2.15	NO	%VC difference >15	volatility problem; C1 alkaline	FAL3T3.SLS.29-01-04
FAL3T3.PL.B2.05-02-04	DF	AA61PL	6920	168.534	0.230	62.44%	2	2	0.9721	100000, 46512, 21633, 10062, 4680, 2177, 1012, 471	2.15	NO	PC fails; % VC difference > 15	problem with reservoir liners; volatility issue; VC1 <<< VC2	FAL.3T3.SLS.5/02/04
FAL3T3.PL.B4.25-02-04	DF	AA61PL	NA	NA	0.331	71.55%	3	1	NA	100000, 46512, 21633, 10062, 4680, 2177, 1012, 471	2.15	NO	%VC difference >15; possible volatility problem		FAL3T3.SLS.25.02.04
FAL3T3.PL.B5.29-04-04	DF	AA61 PL	15200	371.267	0.327	2.12%	2	4	0.8985	25000, 11628, 5408, 2516, 1170, 544, 253, 118	2.15	YES		heated C1-C3 to dissolve	FAL.3T3.SLS.29/04/04
FAL3T3.PL.B6.06-05-04	DF	AA61 PL	9930	241.928	0.334	5.53%	3	5	0.9631	30000, 20408, 13883, 9444, 6425, 4371, 2973, 2023	1.47	YES			FAL.3T3.SLS.06/05/04
FAL3T3.PL.B7.20/05/04	DF	AA61 PL	6490	158.011	0.344	19.62%	2	4	0.8881	30000, 13953, 6490, 3019, 1404, 653, 304, 141	2.15	NO	%VC difference >15; possible volatility problem	SD having difficulty in using plate covers for volatility problems	FAL.3T3.SLS.20/05/04
FAL3T3.PL.B8.27/05/04	DF	AA61 PL	3940	95.871	0.354	7.19%	3	3	0.9226	30000, 13953, 6490, 3019, 1404, 653, 304, 141	2.15	YES		C1-C3 heated to dissolve	FAL.3T3.SLS.27/05/04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
ACETYLSALICYLIC ACID															
IIVS															
A1	RF	AA61HM	480	2.662	0.371	2.14%	1	2	0.9294	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A3
B1	DF	AA61HM	344	1.911	0.413	7.89%	5	3	0.9635	2000, 1333, 889, 593, 395, 263, 176, 117	1.5	YES			SLS-B5
B2	DF	AA61HM	467	2.590	0.394	1.04%	4	4	0.9853	2000, 1333, 889, 593, 395, 263, 176, 117	1.5	YES			SLS-B9
B3	DF	AA61HM	392	2.174	0.383	1.33%	4	4	0.9724	2000, 1333, 889, 593, 395, 263, 176, 117	1.5	YES			SLS-B10
ECBC															
AA61ME-A1	RF	AA61ME	175	0.969	0.256	7.03%	1	6	0.7065	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P9
AA61ME-B1	DF	AA61ME	589	3.268	0.344	6.13%	2	2	0.9566	2000, 930, 433, 201, 93.6, 43.5, 20.2, 9.4	2.15	YES			SLS-P30
AA61ME-B2	DF	AA61ME	711	3.947	0.304	4.93%	2	6	0.9182	2000, 930, 433, 201, 93.6, 43.5, 20.2, 9.4	2.15	YES			SLS-P32
AA61ME-B3	DF	AA61ME	637	3.534	0.345	0.84%	2	4	0.9244	2000, 930, 433, 201, 93.6, 43.5, 20.2, 9.4	2.15	YES			SLS-P34
FRAME															
FAL.3T3.JA.A1.21.05.04	RF	AA61JA	1110	6.169	0.190	4.35%	0	1	0.5653	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; no points 0 - 50%		FAL.3T3.SLS.21.05.04
FAL.3T3.JA.B1.04.06.04	DF	AA61JA	1290	7.149	0.358	12.22%	2	6	0.9869	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	YES			FAL.3T3.SLS.04.06.04
FAL.3T3.JA.B2.18.06.04	RF	AA61JA	1500	8.342	0.471	8.60%	1	5	0.9217	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	YES		outlier removed by SD from VC1	FAL.3T3.SLS.18.06.04
FAL.3T3.JA.B3.08.07.04	DF	AA61JA	912	5.061	0.262	0.73%	3	5	0.9499	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	YES			FAL.3T3.SLS.08.07.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
AMINOPTERIN															
IIVS															
A1	RF	AA61JD	0.006	0.00001	0.449	1.25%	6	1	0.8361	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A2
B1	DF	AA61JD	0.006	0.00001	0.310	1.69%	4	4	0.8810	0.02, 0.013, 0.0089, 0.0059, 0.0040, 0.0026, 0.0018, 0.0012	1.5	YES			SLS-B1
B2	DF	AA61JD	0.004	0.00001	0.402	1.66%	5	3	0.8854	0.02, 0.013, 0.0089, 0.0059, 0.0040, 0.0026, 0.0018, 0.0012	1.5	YES			SLS-B2
B3	DF	AA61JD	0.003	0.00001	0.461	0.11%	6	2	0.8529	0.02, 0.013, 0.0089, 0.0059, 0.0040, 0.0026, 0.0018, 0.0012	1.5	NO	PC fails		SLS-B3
B4	DF	AA61JD	0.005	0.00001	0.300	0.33%	5	1	0.8025	0.02, 0.013, 0.0089, 0.0059, 0.0040, 0.0026, 0.0018, 0.0012	1.5	YES			SLS-B4
ECBC															
AA61MB-A1	RF	AA61MB	0.012	0.00003	0.373	14.44%	6	2	0.6985	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	low r2; range finder		SLS-P4
AA61MB-A2	RF	AA61MB	0.014	0.00003	0.470	22.09%	6	1	0.7532	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	NO	low r2;% VC difference > 15; range finder		SLS-P5
AA61MB-B1	DF	AA61MB	0.007	0.00002	0.435	3.5%	4	1	0.8625	0.1000, 0.0465, 0.0216, 0.0101, 0.0047, 0.0022, 0.0010, 0.0005	2.15	YES			SLS-P7
AA61MB-B2	DF	AA61MB	0.004	0.00001	0.400	5.46%	5	1	0.8409	0.0200, 0.0136, 0.0093, 0.0063, 0.0043, 0.0029, 0.0020, 0.0013	1.47	NO	PC fails		SLS-P9
AA61MB-B3	DF	AA61MB	0.005	0.00001	0.383	11.29%	5	1	0.8251	0.0200, 0.0136, 0.0093, 0.0063, 0.0043, 0.0029, 0.0020, 0.0013	1.47	YES			SLS-P11
AA61MB-B4	DF	AA61MB	0.005	0.00001	0.544	7.46%	5	2	0.8840	0.0200, 0.0136, 0.0093, 0.0063, 0.0043, 0.0029, 0.0020, 0.0013	1.47	YES			SLS-P14
FRAME															
A1PU190603	RF	AA61PU	0.146	0.00033	0.550	2.01%	6	0	0.6490	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	PC fails; no points between 50 - 90%; low r2		A1SLS190603
FAL.3T3.PU.A2.26.06.03	RF	AA61PU	NA	NA	0.446	4.4%	8	0	0.0669	3.50, 2.38, 1.62, 1.10, 0.75, 0.51, 0.35, 0.24	1.47	NO	no points between 10 - 50%; low r2; range finder		FAL.3T3.SLS.A2.26.06.03
FAL.3T3.PU.B1.03.07.03	DF	AA61PU	NA	NA	0.453	0.09%	8	0	NA	0.100, 0.047, 0.022, 0.010, 0.005, 0.002, 0.001, 0.0005	2.13	NO	PC fails; no points between 10 - 50; r2 not available		FAL.3T3.SLS.B1.03.07.03
FAL.3T3.B2.PU.10.07.03	DF	AA61PU	NA	NA	0.451	3.11%	8	0	0.0018	0.100, 0.047, 0.022, 0.010, 0.005, 0.002, 0.001, 0.0005	2.13	NO	no points between 50 - 90%; low r2		FAL.3T3.SLS.10.07.03
FAL.3T3.B7.PU.17.10.03	DF	AA61PU	0.00583	0.00001	0.302	10.79%	1	4	0.8196	0.010, 0.005, 0.002, 0.0010, 0.0005, 0.0002, 0.0001, 0.00005	2.5	YES			FAL.3T3.SLS.171003
FAL.3T3.B8.PU.30.10.03	DF	AA61PU	0.0129	0.00003	0.361	0.21%	1	4	0.9443	0.022, 0.010, 0.005, 0.0022, 0.0010, 0.0005, 0.0002, 0.0001	2.2	YES			FAL.3T3.SLS.301003
FAL.3T3.B9.PU.31.10.03	DF	AA61PU	0.0166	0.00004	0.289	8.80%	2	2	0.8698	0.046, 0.021, 0.010, 0.0046, 0.0022, 0.001, 0.0005, 0.0002	2.2	YES			FAL.3T3.SLS.301003 (should be 311003)

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
5-AMINOSALICYLIC ACID															
IIVS															
A1	RF	AA61GZ	NA	NA	0.448	0.95%	0	5	0.7520	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A3
B1	DF	AA61GZ	1360	8.872	0.447	3.00%	1	7	0.9462	1500, 1154, 888, 683, 525, 404, 311, 239	1.3	YES			SLS-B6
B2	DF	AA61GZ	1610	10.520	0.451	0.98%	0	8	0.9642	1500, 1154, 888, 683, 525, 404, 311, 239	1.3	NO	no points between 0 - 50%	plates read 15-16 hr late; orignial reading used wrong OD wavelength	SLS-B11
B3	DF	AA61GZ	1710	11.144	0.349	4.42%	2	6	0.9177	2500, 1786, 1276, 911, 651, 465, 332, 237	1.4	YES		ppt in 2X C1-C3	SLS-B12
B4	DF	AA61GZ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NO	PC fails		SLS-B14
B5	DF	AA61GZ	1600	10.472	0.409	0.65%	2	6	0.9854	2500, 1786, 1276, 911, 651, 465, 332, 237	1.4	YES		ppt in 2X C1-C2	SLS-B15
ECBC															
AA61KD-A1	RF	AA61KD	NA	NA	0.318	12.19%	0	4	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-11
AA61KD-B1	DF	AA61KD	1530	10.024	0.709	2.06%	1	7	0.9218	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	YES			SLS-P46
AA61KD-B2	DF	AA61KD	1240	8.110	0.413	0.16%	2	6	0.9375	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	YES			SLS-P47
AA61KD-B3	DF	AA61KD	1630	10.642	0.386	0.26%	2	6	0.9711	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	YES			SLS-P49
FRAME															
FAL.3T3.PA.A1.21.05.04	RF	AA61PA	NA	NA	0.394	4.59%	0	1	0.5658	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.3T3.SLS.21.05.04
FAL.3T3.PA.B1.04.06.04	DF	AA61PA	1770	11.535	0.501	0.57%	1	7	0.9637	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	YES			FAL.3T3.SLS.04.06.04
FAL.3T3.PA.B2.18.06.04	DF	AA61PA	2010	13.123	0.491	14.06%	1	4	0.8978	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	YES			FAL.3T3.SLS.18.06.04
FAL.3T3.PA.B3.08.07.04	DF	AA61PA	2430	15.850	0.343	1.34%	1	4	0.8650	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	YES			FAL.3T3.SLS.08.07.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
AMITRIPTYLINE HCL															
IIVS															
A1	RF	AA61RF	5.45	0.017	0.327	1.25%	1	2	0.9939	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1 and 1X C1	SLS-A1
B1	DF	AA61RF	8.83	0.03	0.349	0.19%	2	5	0.9858	25.0, 16.7, 11.1, 7.41, 4.94, 3.29, 2.19, 1.46	1.5	YES			SLS-B1
B2	DF	AA61RF	8.35	0.03	0.344	1.92%	2	2	0.9464	25.0, 16.7, 11.1, 7.41, 4.94, 3.29, 2.19, 1.46	1.5	YES			SLS-B2
B3	DF	AA61RF	6.24	0.02	0.357	0.02%	2	2	0.9701	25.0, 16.7, 11.1, 7.41, 4.94, 3.29, 2.19, 1.46	1.5	YES			SLS-B3
ECBC															
AA61PR-A1	RF	AA61PR	10.6	0.034	0.352	8.18%	0	5	0.8920	1000, 100,10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1 and 1X C1	SLS-P4
AA61PR-B1	DF	AA61PR	6.26	0.020	0.384	2.37%	2	4	0.9661	80.0, 37.2, 17.3, 8.05, 3.74, 1.74, 0.81, 0.38	2.15	YES			SLS-P20
AA61PR-B2	DF	AA61PR	4.55	0.014	0.451	1.05%	2	5	0.9214	15.0, 10.2, 6.94, 4.72, 3.21, 2.19, 1.49, 1.01	1.47	YES			SLS-P22
AA61PR-B3	DF	AA61PR	7.28	0.023	0.577	2.79%	2	4	0.9701	15.0, 10.2, 6.94, 4.72, 3.21, 2.19, 1.49, 1.01	1.47	YES			SLS-P24
FRAME															
FAL.3T3.LE.A1.090104	RF	AA61LE	12.9	0.041	0.463	1.62%	1	3	0.9739	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1	FAL.3T3.SLS.09/01/04
FAL3T3.LE.B1.16.01.04	DF	AA61 LE	10.4	0.033	0.500	7.09%	3	4	0.9391	100, 46.5, 21.6, 10.1, 4.7, 2.2, 1.0, 0.5	2.15	YES			FAL.3T3.SLS.16/01/04
FAL3T3.LE.B2.23.01.04	DF	AA61LE	6.48	0.021	0.347	13.33%	5	2	0.9709	50.0, 34.0, 23.1, 15.7, 10.7, 7.3, 5.0, 3.4	1.47	YES			FAL3T3.23-01-04
FAL3T3.LE.B3.30.01.04	DF	AA61LE	NA	NA	0.262	13.73%	5	3	NA	50.0, 34.0, 23.1, 15.7, 10.7, 7.3, 5.0, 3.4	1.47	NO	SD rejects this experiment	serious NR crystal problem; SD rejects this experiment	FAL.3T3.SLS.29/01/04
FAL3T3.LE.B4.06-02-04	DF	AA61LE	6.70	0.021	0.325	5.48%	5	3	0.9586	50.0, 34.0, 23.1, 15.7, 10.7, 7.3, 5.0, 3.4	1.47	YES		possible NR crystals present; blanks slightly higher than usual	FAL.3T3.SLS.06/02/04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
ARSENIC III TRIOXIDE															
IIVS															
A1 Preliminary	RF	AA61FX	1.50	0.008	0.409	2.18%	0	1	0.9861	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder		SLS-A1
B1	DF	AA61FX	3.17	0.016	0.529	5.69%	1	2	0.9787	100, 46.4, 21.6, 10.0, 4.64, 2.16, 1.00, 0.46	2.16	YES		not fully soluble at 200 ug/ml; part. observed at 100 ug/ml	SLS-B1
B2	DF	AA61FX	2.47	0.012	0.485	1.29%	1	2	0.9875	100, 46.4, 21.6, 10.0, 4.64, 2.16, 1.00, 0.46	2.16	YES		not fully soluble at 200 ug/ml; part. observed at 100 ug/ml	SLS-B2
B3	DF	AA61FX	6.63	0.034	0.599	6.19%	1	3	0.9597	100, 46.4, 21.6, 10.0, 4.64, 2.16, 1.00, 0.46	2.16	YES		not fully soluble at 200 ug/ml; part. observed at 100 ug/ml	SLS-B3
ECBC															
ECBC-3T3-Ib-01 AA61KU-A1	RF	AA61KU	18.3	0.093	0.414	3.18%	1	2	0.6456	25, 2.5, 0.25, 0.025, 0.0025,0.00025, 0.000025, 0.0000025	10	RF	range finder		SLS-P1
ECBC-3T3-Ib-02 AA61KU-B1	DF	AA61KU	2.39	0.012	0.340	0.32%	3	0	0.8812	50, 34, 23.1, 15.7, 10.7, 7.3, 5.0, 3.4	1.47	NO	No points between 50 and 90%; PC failed		SLS-P3
ECBC-3T3-Ib-03 AA61KU-B2	DF	AA61KU	2.57	0.013	0.405	4.55%	3	1	0.9221	34.2, 23.2, 15.8, 10.8, 7.3, 5.0, 3.4, 2.3	1.47	NO	PC failed		SLS-P4
ECBC-3T3-Ib-04 AA61KU-B3	DF	AA61KU	3.07	0.016	0.777	7.74%	3	2	0.9511	25.0, 17.0, 11.6, 7.9, 5.4, 3.6, 2.5, 1.7	1.47	YES			SLS-P5
ECBC-3T3-Ib-05 AA61KU-B4	DF	AA61KU	2.53	0.013	0.419	0.20%	4	1	0.9580	25.0, 17.0, 11.6, 7.9, 5.4, 3.6, 2.5, 1.7	1.47	YES			SLS-P7
ECBC-3T3-Ib-06 AA61KU-B5	DF	AA61KU	2.74	0.014	0.606	3.92%	2	2	0.9663	25.0, 17.0, 11.6, 7.9, 5.4, 3.6, 2.5, 1.7	1.47	YES			SLS-P9
ECBC-3T3-Ib-07 AA61KU-B6	DF	AA61KU	1.28	0.006	0.393	6.66%	3	1	0.9680	15.0, 10.2, 6.9, 4.7, 3.2, 2.2, 1.5, 1.0	1.47	YES			SLS-P12
FRAME															
1b3T3RF01FALNC	RF	AA61NC	6.85	0.035	0.426	3.32%	1	4	0.9380	100, 20, 4, 0.8, 0.16, 0.032, 0.0064, 0.00128	5	RF	range finder		1b3T3CTRFALSLS 12/17/02
1b3T3RF02FALNC	RF	AA61NC	2.77	0.014	0.543	8.42%	0	0	0.6786	50, 34, 23.1, 15.7, 10.7, 7.3, 5, 3.4	1.47	RF	range finder	NR crystals in plate	1b3T3CTRFALSLS 1/7/03
1b3T3RF02FALNC	RF	AA61NC	1.48	0.007	0.247	12.73%	2	3	0.8760	10, 6.8, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	RF	range finder	NR crystals in plate; stopped after 1 h	1b3T3CTRFALSLS 1/8/03
1b3T3DF01FALNC	DF	AA61NC	0.328	0.002	0.669	4.88%	1	0	0.5431	24, 16.33, 11.11, 7.56, 5.14, 3.5, 2.38, 1.61	1.47	NO	No points between 50 & 90% viability; r2 < 0.8	Didn't reach 50% viability	1b3T3CTRFALSLS 1/14/03
1b3T3DF02FALNC	DF	AA61NC	1.74	0.009	0.363	3.42%	3	0	0.9517	28.5, 19.39, 13.19, 8.97, 6.1, 4.15, 2.82, 1.92	1.47	NO	No points between 50 & 90% viability; PC failed	Didn't reach 50% viability	1b3T3CTRFALSLS 1/15/03
1b3T3DF03FALNC	DF	AA61NC	1.05	0.005	0.742	0.84%	3	3	0.9163	7.000, 4.762, 3.239, 2.204, 1.499, 1.020, 0.694, 0.472	1.47	YES			1b3T3CTRFALSLS 1/21/03
1b3T3DF04FALNC	DF	AA61NC	1.39	0.007	0.303	15.26%	2	4	0.9591	7, 4.76, 3.24, 2.20, 1.50, 1.02, 0.69, 0.47	1.47	NO	NR crystals in plate; stopped after 1 h; PC failed		1b3T3CTRFALSLS 1/28/03
1b3T3DF09FALNC	DF	AA61NC	1.25	0.006	0.624	1.40%	1	3	0.9671	7, 4.76, 3.24, 2.20, 1.50, 1.02, 0.69, 0.47	1.47	NO	PC failed		1b3T3CTRFALSLS 1/29/03
1b3T3DF06FALNC	DF	AA61NC	0.984	0.005	0.569	0.76%	1	2	0.9099	2.500, 1.701, 1.157, 0.787, 0.535, 0.364, 0.248, 0.169	1.47	YES			1b3T3CTRFALSLS 2/403
1b3T3DF07FALNC	DF	AA61NC	1.00	0.005	0.639	1.80%	2	3	0.9303	5.000, 3.401, 2.314, 1.574, 1.071, 0.728, 0.496, 0.337	1.47	YES			1b3T3CTRFALSLS 2/5/03
1b3T3DF07(2)FALNC	DF	AA61NC	1.14	0.006	0.651	2.48%	2	2	0.9256	7, 4.76, 3.24, 2.20, 1.50, 1.02, 0.69, 0.47	1.47	YES			1b3T3CTRFALSLS 2/5/03

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
ATROPINE SULFATE															
IIVS															
A1	RF	AA61NE	50.4	0.072	0.391	0.62%	1	2	0.9941	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A4
B1	DF	AA61NE	63.8	0.092	0.485	4.11%	3	5	0.8808	300, 167, 92.6, 51.4, 28.6, 15.9, 8.82, 4.90	1.8	YES		outlier removed by study directo	SLS-B4
B2	DF	AA61NE	71.1	0.102	0.374	1.70%	3	5	0.9230	300, 167, 92.6, 51.4, 28.6, 15.9, 8.82, 4.90	1.8	YES		G11 in VC2 not used; rec'd extra 100ul medium during seeding process;SD removed	SLS-B7
B3	DF	AA61NE	75.0	0.108	0.436	3.00%	2	6	0.9070	300, 167, 92.6, 51.4, 28.6, 15.9, 8.82, 4.90	1.8	YES		SD note: response curves in 3 valid DF similar & don't follow classic Hill response curve	SLS-B8
ECBC															
AA61KX-A1	RF	AA61KX	87.9	0.127	0.390	11.37%	1	5	0.9664	10000,1000, 100, 10, 1,0.1, 0.01, 0.001	10	RF	range finder		SLS-P13
AA61KX-B1	DF	AA61KX	31.3	0.045	0.510	7.40%	3	3	0.9452	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			SLS-P31
AA61KX-B2	DF	AA61KX	43.4	0.062	0.465	9.34%	3	4	0.9483	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			SLS-P33
AA61KX-B3	DF	AA61KX	87.5	0.126	0.686	5.74%	3	4	0.9275	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			SLS-P35
FRAME															
FAL.3T3.FU.A1.10.09.04	RF	AA61FU	461	0.664	0.384	4.08%	1	0	0.9358	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; no points between 50 - 100%		FAL.3T3.SLS.10.09.04
FAL.3T3.FU.B1.16.09.04	DF	AA61FU	160	0.231	0.350	1.76%	5	3	0.9137	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	YES		outlier removed by SD	FAL.3T3.SLS.16.09.04
FAL.3T3.FU.B2.15.10.04	DF	AA61FU	153	0.221	0.342	2.06%	4	4	0.9807	500, 340, 231, 157, 107, 72.8, 49.6, 33.7	1.47	YES			FAL.3T3.SLS.15.10.04
FAL.3T3.FU.B3.28.10.04	DF	AA61FU	85.5	0.123	0.184	5.35%	5	3	0.9528	500, 340, 231, 157, 107, 72.8, 49.6, 33.7	1.47	YES			FAL.3T3.SLS.28.10.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
BORIC ACID															
IIVS															
A1	RF	AA61LD	979	15.842	0.433	3.67%	1	6	0.9184	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A4
B1	DF	AA61LD	1090	17.571	0.403	0.04%	4	4	0.9456	5000, 3125, 1953, 1221, 763, 477, 298, 186	1.6	YES			SLS-B6
B2	DF	AA61LD	685	11.087	0.486	2.50%	5	3	0.9462	5000, 3125, 1953, 1221, 763, 477, 298, 186	1.6	YES		plates read 15-16 hr late; orignial reading used wrong OD wavelength	SLS-B11
B3	DF	AA61LD	1830	29.635	0.349	0.52%	2	4	0.9129	5000, 3125, 1953, 1221, 763, 477, 298, 186	1.6	YES			SLS-B12
ECBC															
AA61JH-A1	RF	AA61JH	897	14.514	0.329	0.46%	2	6	0.8984	10000,1000, 100, 10, 1,0.1, 0.01, 0.001	10	RF	range finder		SLS-P12
AA61JH-B1	DF	AA61JH	1150	18.570	0.477	1.66%	3	5	0.9684	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	YES			SLS-P31
AA61JH-B2	DF	AA61JH	1290	20.932	0.423	0.14%	4	4	0.9524	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	YES			SLS-P33
AA61JH-B3	DF	AA61JH	2050	33.098	0.691	5.22%	3	3	0.9571	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	YES			SLS-P35
FRAME															
FAL.3T3.GR.A1.10.09.04	RF	AA61GR	2000	32.270	0.394	4.32%	1	1	0.8608	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.3T3.SLS.10.09.04
FAL.3T3.GR.B1.16.09.04	DF	AA61GR	4320	69.791	0.351	10.82%	2	3	0.8630	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES			FAL.3T3.SLS.16.09.04
FAL.3T3.GR.B2.23.09.04	DF	AA61GR	4450	71.912	0.336	3.84%	2	4	0.8582	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES		outlier removed bySD	FAL.3T3.SLS.23.09.04
FAL.3T3.GR.B3.14.10.04	DF	AA61GR	3190	51.618	0.319	3.58%	3	5	0.7925	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES			FAL.3T3.SLS.14.10.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
BUSULFAN															
IIVS															
A1	RF	AA61RL	29.2	0.118	0.387	12.48%	1	6	0.8879	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder		SLS-A1
B1	DF	AA61RL	41.7	0.169	0.425	3.61%	3	5	0.8760	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49,	1.4	YES			SLS-B5
B2	DF	AA61RL	44.9	0.18	0.332	5.19%	5	3	0.8920	500, 278, 154, 85.7, 47.6, 26.5, 14.7, 8.17	1.8	YES			SLS-B9
B3	DF	AA61RL	44.6	0.18	0.332	3.79%	4	4	0.8775	500, 278, 154, 85.7, 47.6, 26.5, 14.7, 8.17	1.8	YES		plate sealer used	SLS-B10
ECBC															
AA61LH-A1	RF	AA61LH	97.3	0.395	0.360	3.64%	1	5	0.8554	1000, 100,10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1	SLS-P4
AA61LH-B1	DF	AA61LH	57.3	0.233	0.293	3.70%	3	5	0.8885	500, 233, 108, 50.3, 23.4, 10.88, 5.06, 2.35	2.15	YES			SLS-P18
AA61LH-B2	DF	AA61LH	44.6	0.181	0.385	6.29%	3	5	0.8764	500, 233, 108, 50.3, 23.4, 10.88, 5.06, 2.35	2.15	YES			SLS-P20
AA61LH-B3	DF	AA61LH	19.4	0.079	0.463	0.58%	5	3	0.8778	500, 233, 108, 50.3, 23.4, 10.88, 5.06, 2.35	2.15	YES			SLS-P21
FRAME															
FAL.3T3.JE.A1.09/01/04	RF	AA61JE	38.7	0.156	0.677	5.72%	1	4	0.9065	250, 25, 2.5, 0.25, 0.025, 0.0025, 0.00025, 0.000025	10	RF	range finder		FAL.3T3.SLS.09/01/04
FAL.3T3.JE.A2.16/01/04	DF	AA61JE	528	2.145	0.597	9.65%	1	7	0.7176	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES			FAL.3T3.SLS.16/01/04
FAL.3T3.JE.B1.23/01/04	DF	AA61JE	234	0.952	0.361	10.07%	1	6	0.9558	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES		morphological changes seen at C5 but not noted in NRU	FAL3T3.23-01-04
FAL.3T3.JE.B2.30/01/04	DF	AA61JE	NA	NA	0.266	3.00%	0	6	NA	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	NO	no points between 0-50; SD rejects this experiment	serious NR crystal problem; SD rejects this experiment	FAL.3T3.SLS.29/01/04
FAL.3T3.JE.B3.06-02-04	DF	AA61JE	202	0.819	0.308	7.09%	1	7	0.8537	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES		possible NR crystals present; blanks slightly higher than usual	FAL.3T3.SLS.06/02/04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
CADMIUM II CHLORIDE															
IIVS															
A1	RF	AA61NK	0.462	0.003	0.442	2.10%	1	3	0.9959	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder		SLS-A1
B1	DF	AA61NK	1.31	0.007	0.325	0.39%	2	5	0.9811	3.0, 2.0, 1.33, 0.889, 0.593, 0.395, 0.263, 0.176	1.5	YES			SLS-B1
B2	DF	AA61NK	0.575	0.003	0.382	8.48%	3	4	0.9735	3.0, 2.0, 1.33, 0.889, 0.593, 0.395, 0.263, 0.176	1.5	YES			SLS-B2
B3	DF	AA61NK	0.529	0.003	0.407	1.25%	4	3	0.9907	3.0, 2.0, 1.33, 0.889, 0.593, 0.395, 0.263, 0.176	1.5	NO	PC fails		SLS-B3
B4	DF	AA61NK	0.565	0.003	0.336	4.71%	3	4	0.9832	3.0, 2.0, 1.33, 0.889, 0.593, 0.395, 0.263, 0.176	1.5	YES			SLS-B4
ECBC															
AA61KR-A1	RF	AA61KR	0.620	0.003	0.346	0.53%	0	0	0.9671	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	no points between 10 - 90%; range finder		SLS-P4
AA61KR-B1	DF	AA61KR	0.514	0.003	0.542	7.85%	2	4	0.8434	2.0, 1.361, 0.926, 0.630, 0.428, 0.291, 0.198, 0.135	1.47	YES			SLS-P6
AA61KR-B2	DF	AA61KR	0.530	0.003	0.496	3.06%	3	4	0.9625	2.0, 1.361, 0.926, 0.630, 0.428, 0.291, 0.198, 0.135	1.47	YES			SLS-P7
AA61KR-B3	DF	AA61KR	0.406	0.002	0.389	3.87%	2	3	0.9474	2.0, 1.361, 0.926, 0.630, 0.428, 0.291, 0.198, 0.135	1.47	YES			SLS-P10
FRAME															
A1JP190603	RF	AA61JP	0.973	0.005	0.523	1.02%	1	0	0.9777	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		A1SLS190603
FAL.3T3.JP.B1 .26.06.03	RF	AA61JP	0.547	0.003	0.463	3.71%	1	2	0.9748	5.0, 3.4, 2.3, 1.5, 1.1, 0.7, 0.5, 0.3	1.47	YES			FAL.3T3.SLS.A2.26.06.03
FAL.3T3.JP.B2.03.07.03	DF	AA61JP	0.817	0.004	0.364	4.50%	1	1	0.9422	3.0, 2.04, 1.39, 0.94, 0.64, 0.44, 0.30, 0.20	1.47	NO	PC fails		FAL.3T3.SLS.B1.03.07.03
FAL.3T3.B3.JP.10.07.03	DF	AA61JP	0.343	0.002	0.484	1.25%	2	2	0.9894	3.0, 2.04, 1.39, 0.94, 0.64, 0.44, 0.30, 0.20	1.47	YES			FAL.3T3.SLS.10.07.03
FAL.3T3.B4.JP.17.07.03	DF	AA61JP	0.309	0.002	0.549	0.47%	2	2	0.9837	3, 2.04, 1.39, 0.94, 0.64, 0.44, 0.30, 0.20	1.47	YES			FAL.3T3.SLS.17.07.03

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
CAFFEINE															
IIVS															
A1	RF	AA61JM	176	0.905	0.439	6.89%	1	1	0.9381	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A1
B1	DF	AA61JM	183	0.941	0.510	0.72%	4	4	0.9939	1000, 625, 391, 244, 153, 95.4, 59.6, 37.3	1.6	YES			SLS-B4
B2	DF	AA61JM	208	1.073	0.379	8.66%	4	4	0.9793	1000, 625, 391, 244, 153, 95.4, 59.6, 37.3	1.6	YES		outlier removed bySD	SLS-B7
B3	DF	AA61JM	183	0.944	0.452	1.60%	4	4	0.9857	1000, 625, 391, 244, 153, 95.4, 59.6, 37.3	1.6	YES			SLS-B8
ECBC															
AA61NU-A1	RF	AA61NU	119	0.613	0.457	8.10%	1	5	0.9548	10000, 1000, 100,10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P3
AA61NU-B1	DF	AA61NU	130	0.668	0.469	0.04%	3	4	0.9366	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	YES			SLS-P17
AA61NU-B2	DF	AA61NU	148	0.760	0.539	2.01%	3	5	0.9798	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	YES			SLS-P19
AA61NU-B3	DF	AA61NU	122	0.631	0.543	0.37%	3	5	0.9791	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	YES			SLS-P22
FRAME															
FAL.3T3.GW.A1.09/01/04	RF	AA61GW	198	1.018	0.632	5.54%	1	6	0.8800	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.3T3.SLS.09/01/04
FAL.3T3.GW.A2.16.01.04 revised by NICEATM; bottom set to 0 as constant	DF	AA61GW	67.9	0.350	1.046	2.64%	6	2	0.9544	5000, 2325.6, 1081.7, 503.1, 234.0, 108.8, 50.6, 23.5	2.15	YES			FAL.3T3.SLS.16/01/04
FAL.3T3.GW.B1.23.01.04 revised by NICEATM; bottom set to 0 as constant	DF	AA61GW	228	1.174	0.562	0.19%	3	4	0.9827	5000, 1582, 501, 158, 50.1, 15.9, 5.02, 1.59	3.16	YES			FAL3T3.23-01-04
FAL.3T3.GW.B2.30.01.04	DF	AA61GW	NA	NA	0.315	1.72%	2	4	NA	5000, 1587, 504, 160, 51, 16, 5.1, 1.6	3.15	NO	SD rejects this experiment	serious NR crystal problem; SD rejects this experiment	FAL.3T3.SLS.29/01/04
FAL.3T3.GW.B3.06-02-04	DF	AA61GW	176	0.907	0.460	3.57%	3	5	0.9731	5000, 1587, 504, 160, 51, 16, 5.1, 1.6	3.15	YES			FAL.3T3.SLS.06/02/04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
CARBAMAZEPINE															
IIVS															
A1	RF	AA61NB	NA	NA	0.281	6.74%	0	4	NA	10.0, 1.0, 0.1, 0.01, 0.001, 0.0001, 0.00001, 0.000001	10	RF	range finder		SLS-A5
B1	DF	AA61NB	164	0.694	0.397	2.68%	0	8	0.5447	50.0, 38.5, 29.6, 22.8, 17.5, 13.5, 10.4, 7.97	1.3	NO	no points between 0 - 50%		SLS-B6
B2	DF	AA61NB	88.7	0.375	0.381	8.51%	6	1	0.9179	300, 250, 208, 174, 145, 121, 100, 83.7	1.2	YES		C1 data removed from Hill analyses; plates read 15-16 hr late; orignial reading used wrong OD wavelength	SLS-B11
B3	DF	AA61NB	104	0.441	0.318	1.57%	3	5	0.9379	200, 154, 118, 91.0, 70.0, 53.9, 41.4, 31.9	1.3	YES			SLS-B13
B4	DF	AA61NB	NA	NA	NA	NA	NA	NA	NA	NA	NA	NO	PC fails		SLS-B14
B4 (should be B5)	DF	AA61NB	82.6	0.350	0.403	5.68%	4	4	0.9465	200, 154, 118, 91.0, 70.0, 53.9, 41.4, 31.9	1.3	YES			SLS-B15
ECBC															
AA61LX-A1	RF	AA61LX	88.9	0.376	0.438	9.61%	1	0	0.8266	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder		SLS-16
AA61LX-B1	DF	AA61LX	93.8	0.397	0.601	3.55%	3	5	0.9413	250, 170, 116, 78.7, 53.5, 36.4, 24.8, 16.9	1.47	YES			SLS-P45
AA61LX-B2	DF	AA61LX	85.1	0.360	0.614	1.82%	2	6	0.9155	250, 170, 116, 78.7, 53.5, 36.4, 24.8, 16.9	1.47	YES			SLS-P46
AA61LX-B3	DF	AA61LX	70.1	0.297	0.314	9.73%	3	5	0.9105	170, 116, 78.7, 53.5, 36.4, 24.8, 16.8, 11.5	1.47	YES			SLS-P48
FRAME															
FAL.3T3.HD.A1.21.10.04	RF	AA61HD	107	0.451	0.190	1.01%	1	1	0.9436	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	outliers removed by SD; ppt in 1X C1 and 2X C1	FAL.3T3.SLS.21.10.04
FAL.3T3.HD.B1.11.11.04	DF	AA61HD	217	0.917	0.217	2.35%	2	1	0.7684	1000, 318, 101, 32.0, 10.2, 3.2, 1.0, 0.3	3.15	YES		ppt in 2X C1-C2; &1X in C1	FAL.3T3.SLS.10.11.04
FAL.3T3.HD.B3.18.11.04 (should be B2 and 19.11.04)	DF	AA61HD	130	0.550	0.237	4.35%	3	2	0.9861	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	YES		ppt in 2X C1-C2 & 1X in C1-C2	FAL.3T3.SLS.19.11.04
FAL.3T3.HD.B3.18.11.04	DF	AA61HD	110	0.466	0.241	0.24%	3	1	0.9107	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	YES		ppt in 2X C1-C2 & 1X in C1-C3;	FAL.3T3.SLS.25.11.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
CARBON TETRACHLORIDE															
IIVS															
A1	RF	AA61JK	NA	NA	0.349	15.06%	0	2	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1-C3	SLS-A2
B1	DF	AA61JK	NA	NA	0.391	6.82%	0	5	NA	2500, 1923, 1479, 1138, 875, 673, 518, 398	1.3	NO	no points between 0-50%	ppt in 2X C1-C3	SLS-B6
B2	DF	AA61JK	NA	NA	0.394	7.97%	0	1	NA	2500, 1923, 1479, 1138, 875, 673, 518, 398	1.3	NO	no points between 0-50%	ppt in 2X C1-C8; no toxicity detected	SLS-B9
B3	DF	AA61JK	NA	NA	0.368	3.76%	0	5	NA	2500, 1923, 1479, 1138, 875, 673, 518, 398	1.3	NO	no points between 0-50%	ppt in 2X C1-C8; some toxicity detected; C1 has lower toxicity than C2	SLS-B10
ECBC															
AA61NZ-A1	RF	AA61NZ	NA	NA	0.328	16.23%	0	6	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P9
AA61NZ-A2	RF	AA61NZ	NA	NA	0.419	7.89%	0	1	NA	3000, 300, 30, 3, 0.3, 0.03, 0.003, 0.0003	10	RF	range finder		SLS-P19
AA61NZ-B1	DF	AA61NZ	NA	NA	0.416	2.67%	0	8	NA	4500, 3719, 3074, 2540, 2099, 1735, 1434, 1185	1.21	NO	no points between 0 - 50%		SLS-P65
AA61NZ-B2	DF	AA61NZ	NA	NA	0.567	3.83%	0	7	NA	7000, 5785, 4781, 3951, 3266, 2699, 2230, 1843	1.21	NO	no points between 0 - 50%	dilution factor is 1.21; no points between 0-50%; test would pass due to dilution factor	SLS-P67
AA61NZ-B3	DF	AA61NZ	NA	NA	0.536	8.16%	0	7	NA	7000, 5785, 4781, 3951, 3266, 2699, 2230, 1843	1.21	NO	no points between 0 - 50%	ppt in 2X C1 - C5; oily	SLS-P73
FRAME															
FAL.3T3.HC.A1.30/04/04	RF	AA61HC	NA	NA	0.179	1.46%	0	1	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.3T3.SLS.30/04/04
FAL.3T3.HC.B1.06/05/0404	DF	AA61HC	NA	NA	0.218	2.75%	0	0	NA	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	NO	no points between 0 - 100%	SD ends testing and returns as non-toxic at 2500ug/ml	FAL.3T3.SLS.06/05/04
FAL.3T3.HC.B2.26.11.04	DF	AA61HC	NA	NA	0.253	12.16%	0	5	NA	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	NO	no points between 0 - 50%	the toxicity curve appears reversed; higher conc. less toxic than lower conc.	FAL.3T3.SLS.26.11.04
FAL.3T3.HC.B3.03.12.04	DF	AA61HC	2430	15.776	0.179	3.22%	1	0	0.5412	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	NO	no points between 50 - 100%		FAL.3T3.SLS.03.12.04
FAL.3T3.HC.B4.09.12.04	DF	AA61HC	NA	NA	0.286	7.61%	0	6	NA	2500, 2066, 1708, 1411, 1166, 964, 797, 658	1.21	NO	no points between 0 - 50%		FAL.3T3.SLS.09.12.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
CHLORAL HYDRATE															
IIVS															
A1	RF	AA61FJ	56.2	0.340	0.469	87.75%	2	4	0.9868	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder	VC1 ODs < VC2 ODs; VC1 removed from subsequent analysis; volatility issues.	SLS-A2
B1	DF	AA61FJ	156	0.943	0.509	2.80%	2	6	0.9655	500, 278, 154, 85.7, 47.6, 26.5, 14.7, 8.17	1.8	YES			SLS-B4
B2	DF	AA61FJ	193	1.165	0.336	2.36%	2	5	0.9653	500, 278, 154, 85.7, 47.6, 26.5, 14.7, 8.17	1.8	YES		outliers removed by SD; plate sealer used	SLS-B7
B3	DF	AA61FJ	162	0.981	0.447	5.20%	2	6	0.9613	500, 278, 154, 85.7, 47.6, 26.5, 14.7, 8.17	1.8	YES		plate sealer used	SLS-B8
ECBC															
AA61KB-A1	RF	AA61KB	NA	NA	0.189	94.19%	3	0	NA	10000,1000, 100, 10, 1,0.1, 0.01, 0.001	10	RF	range finder	probable volatility problem; VC1 <<< VC2	SLS-P6
AA61KB-A2	RF	AA61KB	107	0.648	0.295	0.25%	0	1	NA	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder		SLS-P7
AA61KB-B1	DF	AA61KB	160	0.965	0.474	0.63%	3	5	0.9590	500, 340, 231, 157, 107, 72.8, 49.6, 33.7	1.47	YES			SLS-P22
AA61KB-B2	DF	AA61KB	160	0.969	0.703	2.49%	3	5	0.9682	500, 340, 231, 157, 107, 72.8, 49.6, 33.7	1.47	YES			SLS-P24
AA61KB-B3	DF	AA61KB	133	0.806	0.588	0.17%	3	5	0.9604	500, 340, 231, 157, 107, 72.8, 49.6, 33.7	1.47	YES			SLS-P26
FRAME															
FAL.3T3.LK.A1.01/04/04	RF	AA61LK	711	4.300	0.271	69.44%	2	0	0.2684	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder	possible volatility problem	FAL.3T3.SLS.01/04/04
FAL.3T3.LK.B1.29/04/04	DF	AA61LK	243	1.470	0.287	5.23%	2	2	0.9262	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	YES		NR crystals; high background	FAL.3T3.SLS.29/04/04
FAL.3T3.LK.B2.06/05/04	DF	AA61LK	265	1.605	0.313	8.07%	4	4	0.9706	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	YES			FAL.3T3.SLS.06/05/04
FAL.3T3.LK.B3.20/05/04	DF	AA61LK	1450	8.739	0.347	12.28%	0	1	0.9010	2000, 1361, 926, 630, 428, 291, 198, 135	1.47	NO	no points between 0 - 50%	curve very different compared to other curves	FAL.3T3.SLS.20/05/04
FAL.3T3.LK.B4.27/05/04	DF	AA61LK	215	1.302	0.412	4.39%	4	4	0.9575	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	YES			FAL.3T3.SLS.27/05/04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
CHLORAMPHENICOL															
IIVS															
A1	RF	AA61GJ	98.9	0.306	0.323	27.15%	1	1	0.1298	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder		SLS-A1
B1	DF	AA61GJ	187	0.579	0.307	4.85%	2	6	0.9661	558, 310, 172, 95.7, 53.2, 29.5, 16.4, 9.11	1.8	YES			SLS-B1
B2	DF	AA61GJ	148	0.458	0.421	0.91%	3	5	0.9649	558, 310, 172, 95.7, 53.2, 29.5, 16.4, 9.11	1.8	YES			SLS-B2
B3	DF	AA61GJ	142	0.439	0.428	0.12%	3	5	0.9668	558, 310, 172, 95.7, 53.2, 29.5, 16.4, 9.11	1.8	NO	PC fails		SLS-B3
B3 with plate cover	DF	AA61GJ	171	0.529	0.345	4.49%	2	5	0.9683	558, 310, 172, 95.7, 53.2, 29.5, 16.4, 9.11	1.8	NO	PC fails		SLS-B3
B4	DF	AA61GJ	133	0.412	0.350	3.69%	3	5	0.9171	593, 329, 183, 102, 56.5, 31.4, 17.4, 9.69	1.8	YES			SLS-B4
ECBC															
AA61JS-A1	RF	AA61JS	54.5	0.169	0.401	14.20%	1	4	0.7119	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	low r2; range finder		SLS-P4
AA61JS-B1	DF	AA61JS	88.5	0.274	0.440	20.33%	2	3	0.8484	1000, 300, 100, 30, 10, 3, 1, 0.3	3.33	NO	% VC difference > 15; range finder		SLS-P6
AA61JS-B2	DF	AA61JS	39.1	0.121	0.461	1.90%	2	4	0.9618	1000, 465.1, 216.3, 100.6, 46.8, 21.8, 10.1, 4.7	2.15	YES			SLS-P7
AA61JS-B3	DF	AA61JS	61.1	0.189	0.395	1.46%	3	4	0.8537	1000, 465.1, 216.3, 100.6, 46.8, 21.8, 10.1, 4.7	2.15	YES			SLS-P10
AA61JS-B4	DF	AA61JS	55.1	0.171	0.504	2.80%	3	4	0.9541	1000, 465.1, 216.3, 100.6, 46.8, 21.8, 10.1, 4.7	2.15	YES			SLS-P14
AA61JS-B5	DF	AA61JS	68.5	0.212	0.448	5.20%	3	4	0.9401	1000, 465.1, 216.3, 100.6, 46.8, 21.8, 10.1, 4.7	2.15	YES			SLS-P15
FRAME															
A1MU190603	RF	AA61MU	568	1.758	0.550	1.44%	1	0	0.9021	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	PC fails; no points between 50 - 90%; range finder		A1SLS190603
FAL.3T3.MU.B1.26.06.03	DF	AA61MU	276	0.854	0.491	13.66%	5	3	0.8425	1500, 1020, 690, 470, 320, 220, 150, 100	1.47	YES			FAL.3T3.SLS.A2.26.06.03
FAL.3T3.MU.B2.03.07.03	DF	AA61MU	520	1.609	0.306	3.63%	2	2	0.8810	1250, 580, 270, 125, 58.5, 27.2, 12.6, 5.9	2.15	NO	PC fails		FAL.3T3.SLS.B1.03.07.03
FAL.3T3.B3.MU.10.07.03	DF	AA61MU	NA	NA	0.486	1.00%	0	2	NA	50.0, 34.0, 23.1, 15.7, 10.7, 7.3, 5.0, 3.4	1.47	NO	no points between 10 - 50%		FAL.3T3.SLS.10.07.03
FAL.3T3.B3.MU.17.07.03 (should be B4?)	DF	AA61MU	237	0.733	0.455	1.91%	3	2	0.9782	2500, 1160, 540, 251, 117, 54.4, 25.3, 11.7	2.15	YES			FAL.3T3.SLS.17.07.03
FAL.3T3.B4.MU.25.07.03 (should be B5?)	DF	AA61MU	385	1.191	0.379	0.65%	2	2	0.9291	2500, 1160, 540, 251, 117, 54.4, 25.3, 11.7	2.15	YES			FAL.3T3.SLS.25.07.03
FAL.3T3.B5.MU.070803 (should be B6?)	DF	AA61MU	64.4	0.199	0.721	1.63%	4	4	0.8501	2500, 1160, 540, 251, 117, 54.4, 25.3, 11.7	2.15	NO	PC fails		FAL.3T3.SLS.070803
FAL.3T3.MU.B7.120903	DF	AA61MU	193	0.597	0.363	0.80%	4	4	0.9490	2500, 1162, 540, 251, 117, 54.4, 25.3, 11.7	2.15	YES			FAL.3T3.SLS.120903

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
CITRIC ACID															
IIVS															
A1	RF	AA61MH	1030	5.376	0.363	7.76%	1	2	0.8924	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A1
B1	DF	AA61MH	681	3.54	0.389	3.15%	2	3	0.9722	10000, 5556, 3086, 1715, 953, 529, 294, 163	1.8	YES			SLS-B1
B2	DF	AA61MH	942	4.90	0.379	5.58%	1	4	0.9742	10000, 5556, 3086, 1715, 953, 529, 294, 163	1.8	YES			SLS-B2
B3	DF	AA61MH	971	5.05	0.381	1.66%	1	4	0.9858	10000, 5556, 3086, 1715, 953, 529, 294, 163	1.8	YES			SLS-B3
ECBC															
AA61HH-A1	RF	AA61HH	409	2.130	0.341	0.32%	2	5	0.9275	10000, 1000, 100,10, 1, 0.1, 0.01, 0.001	10	RF	range finder	ppt in 1X C1	SLS-P1
AA61HH-B1	DF	AA61HH	598	3.115	0.299	2.62%	4	4	0.9879	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	YES		ppt in 1X C1	SLS-P5
AA61HH-B2	DF	AA61HH	325	1.692	0.418	9.20%	4	2	0.9800	4651, 2163, 1006, 468, 218, 101, 47.1, 21.9	2.15	YES		ppt in 1X C1	SLS-P8
AA61HH-B3	DF	AA61HH	497	2.585	0.423	1.95%	3	5	0.9732	4651, 2163, 1006, 468, 218, 101, 47.1, 21.9	2.15	YES			SLS-P17
FRAME															
FAL.3T3.RB.A1.08/01/04	RF	AA61RB	1050	5.489	0.557	1.11%	1	1	0.8824	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.3T3.SLS.080104
FAL3T3.RB.A2.15-01-04	DF	AA61RB	668	3.479	0.730	5.04%	4	4	0.9467	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	NO	PC fails;		FAL.3T3.SLS.15/01/04
FAL3T3.RB.B1.22-01-04	DF	AA61RB	1080	5.617	0.411	1.38%	3	2	0.9403	5000, 2325.6, 1081.7, 503.1, 234.0, 108.8, 50.6, 23.5	2.15	YES			FAL.3T3.SLS.22/01/04
FAL3T3.RB.B2.29-01-04	DF	AA61RB	1050	5.476	0.423	12.11%	4	4	0.9575	5000, 3401, 2314, 1574, 1071, 728, 496, 337	1.47	YES		pH 3 fpr C1; SD suggests high pH may be cause of toxicity for this concentration;	FAL3T3.SLS.29-01-04
FAL3T3.RB.B3.05.02.04	DF	AA61RB	345	1.797	0.344	4.03%	7	0	0.8104	5000, 3401, 2314, 1574, 1071, 728, 496, 337	1.47	NO	PC fails; no points between 50-100	problem with reservoir liners; SD incorrectly determined 4 points between 50-100 instead of 0 points	FAL.3T3.SLS.5/02/04
FAL3T3.RB.25-02-04	DF	AA61RB	1100	5.721	0.481	11.65%	4	4	0.9805	5000, 3401, 2314, 1574, 1071, 728, 496, 337	1.47	YES		definitive test B4	FAL3T3.SLS.25.02.04
FAL3T3.RB.B5.17.03.04	DF	AA61RB	1360	7.087	0.304	6.25%	2	2	0.9139	5000, 2325.6, 1081.7, 503.1, 234.0, 108.8, 50.6, 23.5	2.15	YES			FAL.3T3.SLS.17/03/04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
COLCHICINE															
IIVS															
A1	RF	AA61FL	0.027	0.0001	0.514	1.69%	5	1	0.9699	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A1
B1	DF	AA61FL	0.028	0.0001	0.416	3.16%	4	4	0.9768	0.1, 0.067, 0.044, 0.030, 0.020, 0.013, 0.0088, 0.0059	1.49	YES			SLS-B1
B2	DF	AA61FL	0.028	0.0001	0.527	2.34%	4	4	0.9809	0.1, 0.067, 0.044, 0.030, 0.020, 0.013, 0.0088, 0.0059	1.49	YES			SLS-B2
B3	DF	AA61FL	0.037	0.0001	0.578	6.33%	3	2	0.9522	0.1, 0.067, 0.044, 0.030, 0.020, 0.013, 0.0088, 0.0059	1.49	NO	PC fails		SLS-B3
B4	DF	AA61FL	0.028	0.0001	0.406	0.86%	4	2	0.9508	0.1, 0.067, 0.044, 0.030, 0.020, 0.013, 0.0088, 0.0059	1.49	YES			SLS-B4
ECBC															
AA61JZ-A1	RF	AA61JZ	0.008	0.0000	0.369	3.91%	2	0	0.9383	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	PC fails; no points between 50 - 90%; range finder		SLS-P2
AA61JZ-B2	DF	AA61JZ	0.023	0.0001	0.595	8.49%	6	2	0.8811	0.200, 0.136, 0.093, 0.063,0.043, 0.029, 0.020, 0.013	1.47	YES			SLS-P8
AA61JZ-B3	DF	AA61JZ	0.018	0.0001	0.494	0.43%	6	2	0.9020	0.136, 0.093, 0.063, 0.043, 0.029, 0.020, 0.013, 0.009	1.47	YES			SLS-P9
AA61JZ-B4	DF	AA61JZ	0.019	0.0001	0.549	0.68%	4	2	0.9658	0.136, 0.093, 0.063, 0.043, 0.029, 0.020, 0.013, 0.009	1.47	YES			SLS-P12
AA61JZ-B5	DF	AA61JZ	0.022	0.0001	0.664	1.90%	6	1	0.9584	0.136, 0.093, 0.063, 0.043, 0.029, 0.020, 0.013, 0.009	1.47	YES			SLS-P13
FRAME															
FAL.3T3.A1.NW.200603	RF	AA61NW	0.088	0.0003	0.699	5.16%	6	0	0.4881	10000,1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	no points between 50 - 90%; low r2; range finder		FAL.3T3.SLS2.A1.200603
FAL.3T3.A2.NW.27.06.03	RF	AA61NW	NA	NA	0.519	0.16%	8	0	0.2194	2.50, 1.16, 0.54, 0.25, 0.12, 0.05, 0.025, 0.012	2.15	RF	no points between 50 - 90%; low r2		FAL.3T3.SLS.A2.27.06.03
FAL.3T3.B1.NW.04.07.03	DF	AA61NW	0.184	0.0006	0.503	2.71%	5	1	0.7952	2.50, 1.16, 0.54, 0.25, 0.12, 0.05, 0.025, 0.012	2.15	NO	PC fails; low r2		FAL.3T3.SLS.04.07.03
FAL.3T3.B2.NW.11.07.03	DF	AA61NW	0.046	0.0001	0.532	4.41%	6	2	0.8093	2.50, 1.16, 0.54, 0.25, 0.12, 0.05, 0.025, 0.012	2.15	YES			FAL.3T3.SLS.11.07.03
FAL.3T3.B3.NW.18.07.03 (recalculated to fit bottom)	DF	AA61NW	0.127	0.0004	0.481	5.60%	5	2	0.8882	5.00, 2.33, 1.08, 0.50, 0.234, 0.109, 0.051, 0.024	2.15	YES			FAL.3T3.SLS.18.07.03
FAL.3T3.B5.NW.25.07.03	DF	AA61NW	0.106	0.0003	0.397	3.23%	5	3	0.8590	2.50, 1.16, 0.54, 0.25, 0.12, 0.05, 0.025, 0.012	2.15	YES			FAL.3T3.SLS.25.07.03

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
CUPRIC SULFATE PENTAHYDRATE															
IIVS															
A1	RF	AA61LA	4.02	0.016	0.496	4.40%	2	5	0.9647	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder		SLS-A2
B1	DF	AA61LA	4.26	0.017	0.395	23.78%	3	1	0.6017	10.0, 7.14, 5.10, 3.64, 2.60, 1.86, 1.33, 0.949	1.4	NO	% VC difference > 15	excessive variability within treatment and cotrol groups	SLS-B4
B2	DF	AA61LA	4.58	0.018	0.463	1.04%	3	3	0.9765	10.0, 7.14, 5.10, 3.64, 2.60, 1.86, 1.33, 0.949	1.4	YES			SLS-B6
B3	DF	AA61LA	4.84	0.019	0.418	0.86%	3	3	0.9887	10.0, 7.14, 5.10, 3.64, 2.60, 1.86, 1.33, 0.949	1.4	YES		plates read 15-16 hr late; orignial reading used wrong OD wavelength	SLS-B11
B4	DF	AA61LA	7.73	0.031	0.375	2.20%	1	2	0.8726	10.0, 7.14, 5.10, 3.64, 2.60, 1.86, 1.33, 0.949	1.4	YES			SLS-B12
ECBC															
AA61HX-A1	RF	AA61HX	50.7	0.203	0.461	2.51%	2	1	0.9661	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1	SLS-P8
AA61HX-B1	DF	AA61HX	86.3	0.346	0.604	0.57%	3	3	0.9913	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES		ppt in 2X C1	SLS-P26
AA61HX-B2	DF	AA61HX	81.7	0.327	0.668	3.02%	3	3	0.9623	400, 272, 185, 126, 85.7, 58.3, 39.6, 27.0	1.47	YES			SLS-P28
AA61HX-B3	DF	AA61HX	80.2	0.321	0.447	5.54%	5	3	0.9336	400, 272, 185, 126, 85.7, 58.3, 39.6, 27.0	1.47	YES			SLS-P29
FRAME															
FAL.3T3.LP.A1.21.05.04	RF	AA61LP	85.9	0.344	0.266	1.47%	2	0	0.5809	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; no points 50 - 100%		FAL.3T3.SLS.21.05.04
FAL.3T3.LP.B1.04.06.04	DF	AA61LP	99.1	0.397	0.415	9.90%	6	1	0.9314	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	YES			FAL.3T3.SLS.04.06.04
FAL.3T3.LP.B2.17/06/04	DF	AA61LP	204	0.816	0.492	0.27%	3	1	0.9641	500, 340, 231, 157, 107, 72.8, 49.6, 33.7	1.47	YES			FAL.3T3.SLS.17.06.04
FAL.3T3.LP.B3.09.07.04	DF	AA61LP	106	0.425	0.408	0.31%	5	0	0.9552	500, 340, 231, 157, 107, 72.8, 49.6, 33.7	1.47	NO	no points between 50 - 100%		FAL.3T3.SLS.09.07.04
FAL.3T3.LP.B4.14.10.04	DF	AA61LP	101	0.404	0.304	1.01%	3	0	0.9749	500, 340, 231, 157, 107, 72.8, 49.6, 33.7	1.47	NO	no points between 50 - 100%		FAL.3T3.SLS.14.10.04
FAL.3T3.LP.B5.15.10.04	DF	AA61LP	138	0.552	0.303	7.50%	4	0	0.9352	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	NO	no points between 50 - 100%	outlier removed bySD	FAL.3T3.SLS.15.10.04
FAL.3T3.LP.B6.21.10.04	DF	AA61LP	NA	NA	0.284	10.97%	7	0	0.0000	500, 413, 342, 282, 233, 193, 159, 132	1.21	NO	no points between 50 - 100%		FAL.3T3.SLS.21.10.04
FAL.3T3.LP.B7.28.10.04	DF	AA61LP	91.8	0.368	0.211	3.94%	4	1	0.9658	250, 207, 171, 141, 117, 96.4, 79.7, 65.8	1.21	YES			FAL.3T3.SLS.28.10.04
FAL.3T3.LP.B8.04.11.04	DF	AA61LP	97.9	0.392	0.329	2.47%	5	2	0.9464	250, 207, 171, 141, 117, 96.4, 79.7, 65.8	1.21	YES		outlier removed bySD	FAL.3T3.SLS.04.11.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
CYCLOHEXIMIDE															
IIVS															
A1	RF	AA61GL	0.0873	0.0003	0.403	1.70%	5	1	0.9733	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A4
B1	DF	AA61GL	0.101	0.0004	0.500	4.13%	6	2	0.9567	2.00, 1.11, 0.617, 0.343, 0.191, 0.106, 0.059, 0.033	1.8	YES			SLS-B4
B2	DF	AA61GL	0.136	0.0005	0.363	2.02%	5	3	0.9053	2.00, 1.11, 0.617, 0.343, 0.191, 0.106, 0.059, 0.033	1.8	YES		outlier removed bySD	SLS-B7
B3	DF	AA61GL	0.0887	0.0003	0.444	0.43%	6	2	0.9577	2.00, 1.11, 0.617, 0.343, 0.191, 0.106, 0.059, 0.033	1.8	YES			SLS-B8
ECBC															
AA61KK-A1	RF	AA61KK	0.102	0.0004	0.377	10.52%	5	0	0.9586	10000,1000, 100, 10, 1,0.1, 0.01, 0.001	10	RF	range finder		SLS-P13
AA61KK-B1	DF	AA61KK	0.11	0.0004	0.659	9.97%	5	3	0.9666	3.00, 1.40, 0.649, 0.302,0.140, 0.065, 0.030, 0.014	2.15	YES			SLS-P37
AA61KK-B2	DF	AA61KK	0.0767	0.0003	0.412	3.79%	5	3	0.9698	3.00, 1.40, 0.649, 0.302,0.140, 0.065, 0.030, 0.014	2.15	YES			SLS-P40
AA61KK-B3	DF	AA61KK	0.187	0.0007	0.553	9.02%	4	4	0.9535	3.00, 1.40, 0.649, 0.302,0.140, 0.065, 0.030, 0.014	2.15	YES			SLS-P41
FRAME															
FAL.3T3.PF.A1.10.09.04	RF	AA61PF	1.89	0.0067	0.435	1.28%	4	2	0.9465	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.3T3.SLS.10.09.04
FAL.3T3.PF.B1.16.09.04	DF	AA61PF	0.0796	0.0003	0.334	6.16%	8	0	0.9819	465, 148, 46.9, 14.9, 4.7, 1.5, 0.476, 0.151	3.15	NO	no points between 50 - 100%		FAL.3T3.SLS.16.09.04
FAL.3T3.PF.B2.15.10.04	DF	AA61PF	1.12	0.0040	0.333	0.40%	4	2	0.8800	50.0, 15.9, 5.04, 1.60, 0.508, 0.161, 0.0512, 0.0162	3.15	YES			FAL.3T3.SLS.15.10.04
FAL.3T3.PF.28.10.04	DF	AA61PF	0.00946	0.0000	0.272	2.42%	8	0	0.9126	50.0, 15.9, 5.04, 1.60, 0.508, 0.161, 0.0512, 0.0162	3.15	NO	no points between 0 - 50%	outlier removed bySD	FAL.3T3.SLS.28.10.04
FAL.3T3.PF.B4.04.11.04	DF	AA61PF	0.221	0.0008	0.282	7.83%	5	2	0.9566	50.0, 15.9, 5.04, 1.60, 0.508, 0.161, 0.0512, 0.0162	3.15	YES			FAL.3T3.SLS.04.11.04
FAL.3T3.PF.B5.11.11.04	DF	AA61PF	0.601	0.0021	0.266	5.33%	4	2	0.9235	50.0, 15.9, 5.04, 1.60, 0.508, 0.161, 0.0512, 0.0162	3.15	YES		outlier removed bySD	FAL.3T3.SLS.10.11.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
DIBUTYL PHTHALATE															
IIVS															
A1	RF	AA61FD	13.5	0.048	0.371	2.38%	2	1	0.9701	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1-C2 and 1X C1-C2	SLS-A3
B1	DF	AA61FD	19.5	0.070	0.474	7.57%	4	2	0.9692	100, 62.5, 39.1, 24.4, 15.3, 9.54, 5.96, 3.73	1.6	YES		ppt in 2X C1 and 1X C1	SLS-B5
B2	DF	AA61FD	20.4	0.073	0.393	4.01%	4	4	0.9786	100, 62.5, 39.1, 24.4, 15.3, 9.54, 5.96, 3.73	1.6	YES		ppt in 2X C1-C4; ppt in 1X C1	SLS-B9
B3	DF	AA61FD	22.2	0.080	0.338	1.43%	4	4	0.9749	100, 62.5, 39.1, 24.4, 15.3, 9.54, 5.96, 3.73	1.6	YES		ppt in 1X C1-C2	SLS-B10
ECBC															
AA61JX-A1	RF	AA61JX	127	0.458	0.245	7.41%	0	2	0.9266	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1 and 1X C1; higher than usual blank OD	SLS-P10
AA61JX-B1	DF	AA61JX	NA	NA	0.643	4.39%	NA	NA	NA	300, 204, 139, 94.4, 64.2, 43.7, 29.7, 20.2	1.47	NO	odd toxicity curve; couldn't accurately calculate ICx values	toxicity curve goes up at the higher concentrations	SLS-P44
AA61JX-B2	DF	AA61JX	NA	NA	0.551	4.45%	N/A	N/A	NA	300, 204, 139, 94.4, 64.2, 43.7, 29.7, 20.2	1.47	NO	odd toxicity curve; couldn't accurately calculate ICx values	toxicity curve goes up at the higher concentrations	SLS-P46
AA61JX-B3	DF	AA61JX	NA	NA	0.627	6.38%	0	8	NA	60.0, 40.8, 27.8, 18.9, 12.8, 8.74, 5.95, 4.05	1.47	NO	PC fails; no points between 0 - 50%		SLS-P60
AA61JX-B4	DF	AA61JX	19.8	0.071	0.491	8.85%	5	3	0.8450	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	YES			SLS-P63
AA61JX-B5	DF	AA61JX	27.7	0.099	0.442	3.39%	3	5	0.7470	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	YES		1X C1-C4 have small globules; highest conc. (C7, C8) less toxicity than C3-C6	SLS-P67
AA61JX-B6	DF	AA61JX	22.9	0.082	0.342	4.56%	4	3	0.9178	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	YES		1X C1-C4 have small globules; highest conc. (C7, C8) less toxicity than C3-C4	SLS-P69
FRAME															
FAL.3T3.MK.A1.21.05.04	RF	AA61MK	104	0.372	0.225	1.44%	1	1	0.7617	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 1X C1-C2	FAL.3T3.SLS.21.05.04
FAL.3T3.MK.B1.04.06.04	DF	AA61MK	306	1.100	0.429	4.08%	3	5	0.8027	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	YES		ppt in 1X C1-C8 and 2X C1-C2	FAL.3T3.SLS.04.06.04
FAL.3T3.MK.B2.17.06.04	DF	AA61MK	74.6	0.268	0.410	0.20%	5	3	0.9555	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES		ppt in 1X C1-C4 and 2X C1-C2	FAL.3T3.SLS.17.06.04
FAL.3T3.MK.B3.09.07.04	DF	AA61MK	190	0.683	0.304	0.47%	4	4	0.9592	2000, 930, 433, 201, 93.6, 43.5, 20.3, 9.42	2.15	YES		ppt in 1X C1-C8 and 2X C1-C2	FAL.3T3.SLS.09.07.04
FAL.3T3.MK.B4.25.11.04	DF	AA61MK	192	0.689	0.319	2.64%	3	5	0.9167	2000, 930, 433, 201, 93.6, 43.5, 20.3, 9.42	2.15	YES		ppt in 2X C1; ppt in 1X C1-C3;	FAL.3T3.SLS.25.11.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
DICHLORVOS															
IIVS															
A1	RF	AA61NP	8.66	0.039	0.341	83.42%	1	1	0.9677	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	VC1 Ods < VC2 ODs; VC1 removed from subsequent analysis; volatility issues.	SLS-A3
B1	DF	AA61NP	16.9	0.076	0.347	8.46%	3	5	0.9602	70.0, 38.9, 21.6, 12.0, 6.67, 3.70, 2.06, 1.14	1.8	YES			SLS-B1
B2	DF	AA61NP	17.3	0.078	0.321	0.23%	3	3	0.9593	70.0, 38.9, 21.6, 12.0, 6.67, 3.70, 2.06, 1.14	1.8	YES			SLS-B2
B3	DF	AA61NP	20.7	0.093	0.366	4.92%	3	2	0.9733	70.0, 38.9, 21.6, 12.0, 6.67, 3.70, 2.06, 1.14	1.8	YES			SLS-B3
ECBC															
AA61PZ-A1	RF	AA61PZ	NA	NA	0.121	98.38%	3	0	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	probable volatility problem; VC1 <<< VC2; higher than usual blank OD	SLS-P10
AA61PZ-A2 (sealer)	RF	AA61PZ	13.7	0.062	0.473	4.53%	0	5	0.9461	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P43
AA61PZ-B1 (sealer)	DF	AA61PZ	NA	NA	0.242	11.12%	3	4	NA	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	NO	PC fails		SLS-P50
AA61PZ-B2 (sealer)	DF	AA61PZ	NA	NA	0.256	6.09%	4	4	NA	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	NO	PC fails		SLS-P52
AA61PZ-B3 (sealer)	DF	AA61PZ	12.1	0.055	0.503	12.85%	2	5	0.9711	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P54
AA61PZ-B4 (sealer)	DF	AA61PZ	NA	NA	0.322	25.27%	2	5	NA	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	NO	PC fails; % VC difference > 15		SLS-P56
AA61PZ-B5 (sealer)	DF	AA61PZ	5.90	0.027	0.298	7.56%	3	4	0.9166	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P58
AA61PZ-B6 (sealer)	DF	AA61PZ	11.1	0.050	0.421	3.01%	3	4	0.9466	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	NO	PC fails		SLS-P60
AA61PZ-B7 (sealer)	DF	AA61PZ	11.5	0.052	0.347	2.26%	2	5	0.9275	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES		C1 conc. seems to interact with NR; toxicity curve going in opposite direction at this point	SLS-P62
FRAME															
FAL.3T3.HS.A1.21.05.04	RF	AA61HS	57.8	0.262	0.119	90.83%	2	0	0.1864	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; % VC difference > 15; no points between 50 - 100%	volatility problem	FAL.3T3.SLS.21.05.04
FAL.3T3.HS.B1.04.06.04	DF	AA61HS	35.0	0.158	0.371	5.60%	3	3	0.9832	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.91, 6.74	1.47	YES			FAL.3T3.SLS.04.06.04
FAL.3T3.HS.B2.18.06.04	DF	AA61HS	30.9	0.140	0.685	1.85%	3	4	0.9772	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.91, 6.74	1.47	YES			FAL.3T3.SLS.18.06.04
FAL.3T3.HS.B3.08.07.04	DF	AA61HS	32.5	0.147	0.209	11.98%	2	2	0.9328	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.91, 6.74	1.47	YES			FAL.3T3.SLS.08.07.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
DIETHYL PHTHALATE															
IIVS															
A1	RF	AA61NX	276	1.242	0.232	5.28%	1	1	0.1408	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	the solvent controls treated with 1% DMSO instead of 0.5%	SLS-A4
B1	DF	AA61NX	135	0.607	0.369	9.08%	3	2	0.9536	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES		ppt in 2X C1-C2	SLS-B5
B2	DF	AA61NX	97.1	0.437	0.338	6.11%	4	3	0.9853	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES		ppt in 2X C1-C2	SLS-B9
B3	DF	AA61NX	87.1	0.392	0.342	4.96%	5	3	0.9870	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES		ppt in 2X C1-C3	SLS-B10
ECBC															
AA61GA-A1	RF	AA61GA	115	1.086	0.230	6.44%	1	1	0.9260	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P12
AA61GA-B1	DF	AA61GA	119	0.536	0.323	6.29%	4	4	0.9776	2000, 930, 433, 201, 93.6, 43.5, 20.2, 9.4	2.15	YES			SLS-P32
AA61GA-B2	DF	AA61GA	68.1	0.306	0.324	4.70%	5	3	0.9414	2000, 930, 433, 201, 93.6, 43.5, 20.2, 9.4	2.15	YES			SLS-P34
AA61GA-B3	DF	AA61GA	69.5	0.313	0.552	0.35%	5	3	0.9527	2000, 930, 433, 201, 93.6, 43.5, 20.2, 9.4	2.15	YES			SLS-P36
FRAME															
FAL.3T3.KZ.A1.10.09.04	RF	AA61KZ	148	0.666	0.259	12.82%	1	2	0.7507	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1	FAL.3T3.SLS.10.09.04
FAL.3T3.KZ.B1.16.09.04	DF	AA61KZ	176	0.791	0.239	15.05%	3	3	0.9712	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	YES		outlier removed bySD; ppt in 2X C1-C2	FAL.3T3.SLS.16.09.04
FAL.3T3.KZ.B2.15.10.04	DF	AA61KZ	160	0.720	0.244	1.62%	3	5	0.9759	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	YES		outlier removed by SD	FAL.3T3.SLS.15.10.04
FAL.3T3.KZ.B3.28.10.04	DF	AA61KZ	104	0.469	0.185	4.87%	3	3	0.9759	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	YES		ppt in 2X C1-C2	FAL.3T3.SLS.28.10.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
DIGOXIN															
IIVS															
A1	RF	AA61MF	310	0.398	0.350	0.21%	1	1	0.9022	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	*ppt in 2X C1 and in 1X C1*	SLS-A3
B1	DF	AA61MF	269	0.344	0.427	6.41%	1	3	0.8853	1000, 588, 346, 204, 120, 70.4, 41.4, 24.4	1.7	YES		ppt in 1X C1-C3 & 2X C1; SD removed C1 & C2 from PRISM to get Hill analysis; ppt in 1X C1 and C2 caused upswing in the toxicity curve	SLS-B5
B2	DF	AA61MF	NA	NA	0.308	9.13%	0	3	NA	400, 267, 178, 119, 79.0, 52.7, 35.1, 23.4	1.5	NO	no points between 0 - 50%	ppt in 1X C1	SLS-B13
B3	DF	AA61MF	NA	NA	NA	NA	NA	NA	NA	NA	NA	NO	PC fails		SLS-B14
B4	DF	AA61MF	365	0.467	0.296	2.70%	0	4	0.5436	1000, 556, 309, 171, 95, 53, 29.4, 16.3	1.8	YES		ppt in 2X C1 and 1X C1-C2; SD removed C1 & C2 from PRISM analyses; no points left between 0-50% viability; SD accepts test	SLS-B15
B5	DF	AA61MF	1500	1.925	0.335	4.20%	0	4	0.3342	1000, 556, 309, 171, 95, 53, 29.4, 16.3	1.8	NO	no points between 0 - 50%	ppt in 2X C1; ppt in 1X C1-C2; SD ends testing of chemical; solubility limits have been reached	SLS-B16
ECBC															
AA61PP-A1	RF	AA61PP	123	0.157	0.238	3.43%	1	4	0.8888	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 1X C1 and 2X C1; higher than usual blank OD	SLS-P10
AA61PP-B1	DF	AA61PP	NA	NA	0.344	6.81%	0	6	NA	400, 272, 185, 126, 85.7, 58.3, 39.6, 27.0	1.47	NO	no points between 0 - 50%	crystals in !x C1-C2; not like NR crystals	SLS-P40
AA61PP-B2	DF	AA61PP	475	0.609	0.463	6.42%	2	3	0.8877	400, 272, 185, 126, 85.7, 58.3, 39.6, 27.0	1.47	YES		crystals in 1X C1-C2; not like NR crystals; C1 toxicity less than C2	SLS-P42
AA61PP-B3	DF	AA61PP	204	0.261	0.452	4.45%	5	3	0.6366	1000, 680, 463, 315, 214, 146, 99, 67	1.47	YES		ppt in 2X C1; ppt in 1X C1-C5 (large chemical crystals in wells);	SLS-P72
AA61PP-B4	DF	AA61PP	373	0.478	0.452	10.52%	2	6	0.6692	1000, 680, 463, 315, 214, 146, 99, 67	1.47	YES		ppt in 2X C1-C2; ppt in 1X C1-C4	SLS-P74
FRAME															
FAL.3T3.HN.A1.27/05/04	RF	AA61HN	918	1.176	0.381	7.78%	1	0	0.6117	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; no points 50 - 100%	ppt in 1X C1-C3	FAL.3T3.SLS.27/05/04
FAL.3T3.HN.B1.04/06/04 FAULT	DF	AA61HN	873	1.118	0.419	6.70%	1	2	0.8308	750, 347, 162, 75.0, 35.0, 16.3, 7.6, 3.5	2.15	YES		ppt in 1X C1-C3; dilution factor not provided	FAL.3T3.SLS.04.06.04
FAL.3T3.HN.B2.18/06/04	RF	AA61HN	387	0.496	0.451	4.84%	NA	NA	0.5399	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	NO	can't determine which points are true toxicity points	ppt in 2X C1 and ppt in 1X C1-C3	FAL.3T3.SLS.18.06.04
FAL.3T3.HN.B3.09/07/04	DF	AA61HN	75900	97.141	0.317	1.92%	0	6	0.8417	1500, 698, 325, 151, 70.2, 32.7, 15.2, 7.1	2.15	NO	no points between 0 - 50%	ppt in 2X C1 and ppt in 1X C1-C5	FAL.3T3.SLS.09.07.04
FAL.3T3.HN.B4.16/07/04	DF	AA61HN	NA	NA	0.262	0.86%	0	4	0.3528	2000, 930, 433, 201, 93.6, 43.5, 20.3, 9.42	2.15	NO	no points between 0 - 50%	ppt in 2X C1-C2 and ppt in 1X C1-C4	FAL.3T3.SLS.16.07.04
FAL.3T3.HN.B5.17.09.04	DF	AA61HN	NA	NA	0.304	0.27%	0	4	NA	500, 340, 231, 157, 107, 72.8, 49.6, 33.7	1.47	NO	no points between 0 - 50%	problem with stimulation of NRU; toxicity increases then as conc. rises NRU also rises & IC50 not reached	FAL.3T3.SLS.17.09.04
FAL.3T3.HN.B6.23.09.04	DF	AA61HN	582	0.745	0.310	3.38%	2	2	0.6844	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	YES		outlier removed by SD; ppt in 2X C1-C2; ppt in 1X C1-C4	FAL.3T3.SLS.23.09.04
FAL.3T3.HN.B7.14.10.04	DF	AA61HN	1220	1.568	0.322	4.77%	1	7	0.4589	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	YES		outlier removed bySD; ppt in 2X C1-C3; ppt in 1X C1-C6	FAL.3T3.SLS.14.10.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
DIMETHYLFORMAMIDE															
IIVS															
A1	RF	AA61FN	6870	93.990	0.392	1.04%	1	5	0.7331	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A5
B1	DF	AA61FN	5060	69.196	0.485	3.39%	4	4	0.9915	20000, 13333, 8889, 5926, 3951, 2634, 1756, 1171	1.5	YES			SLS-B4
B2	DF	AA61FN	4940	67.621	0.375	8.71%	4	4	0.9900	20000, 13333, 8889, 5926, 3951, 2634, 1756, 1171	1.5	YES			SLS-B7
B3	DF	AA61FN	4700	64.281	0.413	5.07%	4	4	0.9892	20000, 13333, 8889, 5926, 3951, 2634, 1756, 1171	1.5	YES			SLS-B8
ECBC															
AA61MW-A1	RF	AA61MW	6410	87.717	0.522	4.15%	1	2	0.9137	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-15
AA61MW-B1	DF	AA61MW	4750	65.025	0.522	3.30%	4	4	0.9866	20000, 13605, 9255, 6296, 4283, 2914, 1982, 1348	1.47	YES			SLS-P42
AA61MW-B2	DF	AA61MW	5680	77.639	0.697	1.26%	3	5	0.9610	20000, 13605, 9255, 6296, 4283, 2914, 1982, 1348	1.47	YES			SLS-P43
AA61MW-B3	DF	AA61MW	5600	76.574	0.616	0.92%	4	4	0.9830	20000, 13605, 9255, 6296, 4283, 2914, 1982, 1348	1.47	YES			SLS-P45
FRAME															
FAL.3T3.KF.A1.21.10.04	RF	AA61KF	8990	123.050	0.315	7.39%	1	0	0.3085	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	range finder; no points between 50-100%		FAL.3T3.SLS.21.10.04
FAL.3T3.KF.B1.11.11.04	DF	AA61KF	5180	70.808	0.276	14.58%	4	2	0.9649	50000, 23256, 10817, 5031, 2340, 1088, 506, 236	2.15	YES			FAL.3T3.SLS.10.11.04
FAL.3T3.KF.B2.18.11.04	DF	AA61KF	673	9.206	0.305	26.13%	3	2	0.9507	5000, 2326, 1082, 503, 234, 109, 50.6, 23.5	2.15	NO	% VC difference >15	ppt in 2X C1; concentraton range may be off by factor of 10; C1 probably 50000	FAL.3T3.SLS.19.11.04
FAL.3T3.KF.B3.25.11.04	DF	AA61KF	6080	83.192	0.382	0.74%	2	3	0.9630	50000, 23256, 10817, 5031, 2340, 1088, 506, 236	2.15	YES		ppt in 2X C1	FAL.3T3.SLS.25.11.04
FAL.3T3.KF.B4.26.11.04	DF	AA61KF	5190	70.971	0.381	9.84%	2	3	0.8958	50000, 23256, 10817, 5031, 2340, 1088, 506, 236	2.15	YES		ppt in 2X C1	FAL.3T3.SLS.26.11.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
DIQUAT DIBROMIDE MONOHYDRATE															
IIVS															
A1	RF	AA61GN	4.65	0.013	0.448	3.20%	2	4	0.9862	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A3
B1	DF	AA61GN	3.83	0.011	0.485	2.39%	3	4	0.9675	10.0, 7.14, 5.10, 3.64, 2.60, 1.86, 1.33, 0.949	1.4	YES			SLS-B4
B2	DF	AA61GN	6.04	0.017	0.353	0.24%	2	3	0.9379	10.0, 7.14, 5.10, 3.64, 2.60, 1.86, 1.33, 0.949	1.4	YES			SLS-B7
B3	DF	AA61GN	6.31	0.017	0.442	3.25%	2	4	0.9544	10.0, 7.14, 5.10, 3.64, 2.60, 1.86, 1.33, 0.949	1.4	YES			SLS-B8
ECBC															
AA61KS-A1	RF	AA61KS	5.48	0.015	0.301	6.79%	2	1	0.9864	10000,1000, 100, 10, 1,0.1, 0.01, 0.001	10	RF	range finder		SLS-P11
AA61KS-B1	DF	AA61KS	3.47	0.010	0.518	5.60%	4	3	0.9823	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P31
AA61KS-B2	DF	AA61KS	3.26	0.009	0.423	8.46%	4	3	0.9818	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P33
AA61KS-B3	DF	AA61KS	4.89	0.013	0.721	3.07%	5	3	0.9904	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P35
FRAME															
FAL.3T3.NV.A1.21.05.04	RF	AA61NV	9.05	0.025	0.484	4.80%	2	0	0.9320	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.3T3.SLS.21.05.04
FAL.3T3.NV.B1.04.06.04	DF	AA61NV	76.7	0.212	0.468	11.19%	1	1	0.7598	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.91, 6.74	1.47	YES			FAL.3T3.SLS.04.06.04
FAL.3T3.NV.B2.18.06.04	DF	AA61NV	20.4	0.056	0.720	0.86%	8	0	0.9479	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES		C8 % viability < 20; used lowest dilution factor; pass even though not enough points between 0-100%	FAL.3T3.SLS.18.06.04
FAL.3T3.NV.B3.08.07.04	DF	AA61NV	NA	NA	0.370	4.61%	6	0	NA	100, 46.5, 21.6, 10.1, 4.7, 2.2, 1.01, 0.47	2.15	NO	no points between 50 - 100%		FAL.3T3.SLS.08.07.04
FAL.3T3.NV.B4.16.07.04	DF	AA61NV	11.1	0.031	0.384	6.76%	2	1	0.8922	100, 31.6, 10.0, 3.2, 1.0, 0.3, 0.100, 0.032	3.16	YES			FAL.3T3.SLS.16.07.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
DISULFOTON															
IIVS															
A1	RF	AA61FC	95.1	0.346	0.255	12.80%	2	1	0.4754	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	*the solvent controls were treated with 1% DMSO, rather than 0.5%;*	SLS-A4
B1	DF	AA61FC	25.4	0.093	0.437	5.32%	5	3	0.9601	200, 125, 78.1, 48.8, 30.5, 19.1, 11.9, 7.45	1.6	YES		ppt in 2X C1-C4; outlier removed by SD	SLS-B5
B2	DF	AA61FC	46.3	0.169	0.269	7.62%	3	4	0.9111	200, 125, 78.1, 48.8, 30.5, 19.1, 11.9, 7.45	1.6	YES		ppt in 2X C1-C4	SLS-B13
B3	DF	AA61FC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NO	PC fails		SLS-B14
B4	DF	AA61FC	138	0.504	0.294	0.57%	1	7	0.9243	200, 125, 78.1, 48.8, 30.5, 19.1, 11.9, 7.45	1.6	YES		ppt in 2X C1	SLS-B15
B5	DF	AA61FC	31.8	0.116	0.259	11.99%	5	3	0.9540	200, 125, 78.1, 48.8, 30.5, 19.1, 11.9, 7.45	1.6	YES		ppt in 2x C1-C4	SLS-B16
ECBC															
AA61NY-A1	RF	AA61NY	NA	NA	0.247	1.18%	0	6	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; PC fails; no points between 0-50%	ppt in 2X C1-C2	SLS-P51
AA61NY-B1	DF	AA61NY	155	0.564	0.379	1.45%	3	4	0.9199	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES		ppt in 2X C1-C4; ppt in 1X C1-C3	SLS-P67
AA61NY-B2	DF	AA61NY	NA	NA	0.356	4.07%	0	8	NA	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	NO	no points between 0 - 50%	small pieces of chemical in 1X C1-C4	SLS-P69
AA61NY-B3	DF	AA61NY	54.6	0.199	0.398	0.71%	4	4	0.9654	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES		small globules in 1X C1-C5 & 2X C1-C3; SD removed C1 from PRISM analysis; C1 toxicity < C2	SLS-P72
AA61NY-B4	DF	AA61NY	201	0.734	0.406	2.30%	1	7	0.8792	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES		small globules in 1X C1-C6; ppt in 2X C1-C5; SD removed C1 & C2 from PRISM analysis; C1 & C2 toxicity < C3	SLS-P74
FRAME															
FAL.3T3.LC.A1.10.09.04	RF	AA61LC	1070	3.914	0.258	10.84%	0	3	0.3989	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; no points between 0 -- 50%	ppt in 1X C1	FAL.3T3.SLS.10.09.04
FAL.3T3.LC.B1.16.09.04	DF	AA61LC	11200	40.793	0.254	2.23%	1	6	0.8311	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES		outlier removed bySD; ppt in 1X C1 and 2X C1-C5; IC50 out of synch with other IC50s	FAL.3T3.SLS.16.09.04
FAL.3T3.LC.B2.15.10.04	DF	AA61LC	NA	NA	0.257	1.49%	0	8	0.4810	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	NO	no points between 0 - 50%	ppt in 1X C1-C6;	FAL.3T3.SLS.15.10.04
FAL.3T3.LC.B3.19.11.04	DF	AA61LC	NA	NA	0.260	13.68%	0	6	0.6459	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	NO	no points between 0 - 50%	ppt in 1X C1-C6; ppt in 2X C1-C3	FAL.3T3.SLS.19.11.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
ENDOSULFAN															
IIVS															
A1	RF	AA61HZ	1.3	0.003	0.366	49.45%	1	6	0.9673	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder	VC1 Ods < VC2 ODs; VC1 removed from subsequent analysis; ppt in 2X C1 and 1X C1;volatility issues	SLS-A2
B1	DF	AA61HZ	5.35	0.013	0.397	1.30%	3	5	0.9207	30.0, 16.7, 9.26, 5.14, 2.86, 1.59, 0.882, 0.490	1.8	YES		ppt in 2X C1; outlier removed by SD; plate sealer	SLS-B5
B2	DF	AA61HZ	13.6	0.033	0.261	20.27%	3	3	0.9195	50.0, 27.8, 15.4,8.57, 4.76, 2.65, 1.47, 0.817	1.8	NO	% VC difference > 15	ppt in 2X C1; very high OD value in VC1	SLS-B13
B3	DF	AA61HZ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NO	PC fails		SLS-B14
B4	DF	AA61HZ	1.64	0.004	0.302	42.29%	6	2	0.7300	50.0, 27.8, 15.4,8.57, 4.76, 2.65, 1.47, 0.817	1.8	NO	% VC difference > 15	ppt in 2X C1-C2; low ODs in VC1; used VC2 value for viability calculations	SLS-B15
B5	DF	AA61HZ	2.52	0.006	0.256	3.03%	6	2	0.6745	50.0, 27.8, 15.4,8.57, 4.76, 2.65, 1.47, 0.817	1.8	YES		ppt in 2X C1-C2	SLS-B16
B6	DF	AA61HZ	2.95	0.007	0.256	14.77%	5	2	0.7624	50.0, 27.8, 15.4,8.57, 4.76, 2.65, 1.47, 0.817	1.8	YES		ppt in 2X C1-C2	SLS-B17
ECBC															
AA61LG-A1	RF	AA61LG	NA	NA	0.237	18.26%	2	2	NA	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder; PC fails; % VC difference > 15	ppt in 2X C1	SLS-P51
AA61LG-B1	DF	AA61LG	NA	NA	0.383	25.75%	5	2	NA	80.0, 37.2, 17.3, 8.05, 3.74, 1.74, 0.81, 0.38	2.15	NO	% VC difference > 15	ppt in 2X C1	SLS-P55
AA61LG-B2 (sealer)	DF	AA61LG	NA	NA	0.445	5.26%	7	1	NA	60.0, 27.9, 13.0, 6.04, 2.81, 1.31, 0.61, 0.28	2.15	NO	PC fails	ppt in 2X C1	SLS-P56
AA61LG-B3 (sealer)	DF	AA61LG	4.15	0.010	0.217	8.65%	3	5	0.9066	30.0, 14.0, 6.49, 3.02, 1.40, 0.65, 0.30, 0.14	2.15	YES			SLS-P58
AA61LG-B4 (sealer)	DF	AA61LG	2.98	0.007	0.319	13.07%	3	5	0.8831	30.0, 14.0, 6.49, 3.02, 1.40, 0.65, 0.30, 0.14	2.15	YES			SLS-P63
AA61LG-B5 (sealer)	DF	AA61LG	8.68	0.021	0.338	4.57%	2	6	0.9264	30.0, 14.0, 6.49, 3.02, 1.40, 0.65, 0.30, 0.14	2.15	YES		ppt in 2X C1-C3	SLS-P64
FRAME															
FAL.3T3.PW.A1.01/04/04	RF	AA61PW	52500	128.974	0.209	16.91%	0	2	0.3175	10.0, 1.0, 0.1, 0.01, 0.001, 0.0001, 0.00001, 0.000001,	10	RF	range finder	possible volatility problem	FAL.3T3.SLS.01/04/04
FAL.3T3.PW.B1.29/04/04 (should be A2)	DF	AA61PW	0.249	0.001	0.261	24.71%	2	5	0.4825	10.0, 4.65, 2.16, 1.01, 0.468, 0.218, 0.101, 0.047	2.15	NO	%VC difference > 15	NR crystals; high background	FAL.3T3.SLS.29/04/04
FAL.3T3.PW.B2.29/04/04 (should be B1)	DF	AA61PW	22.9	0.056	0.241	29.31%	2	6	0.3954	50.0, 34.0, 23.1, 15.7, 10.7, 7.3, 5.0, 3.4	1.47	NO	%VC difference > 15	possible volatility problem	FAL.3T3.SLS.07/05/04
FAL.3T3.PW.B2.20/05/04	DF	AA61PW	32.7	0.080	0.324	10.51%	1	7	0.3827	50.0, 34.0, 23.1, 15.7, 10.7, 7.3, 5.0, 3.4	1.47	YES			FAL.3T3.SLS.20/05/04
FAL.3T3.PW.B3.27/05/04	DF	AA61PW	6.47	0.016	0.444	1.54%	6	2	0.7075	50.0, 34.0, 23.1, 15.7, 10.7, 7.3, 5.0, 3.4	1.47	YES			FAL.3T3.SLS.27/05/04
FAL.3T3.PW.B4.17/06/04	DF	AA61PW	11.2	0.028	0.396	5.49%	7	1	0.7541	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.91, 6.74	1.47	YES			FAL.3T3.SLS.17.06.04
FAL.3T3.PW.B5.24/06/04	DF	AA61PW	10.4	0.026	0.408	5.45%	1	6	0.8455	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			FAL.3T3.SLS.24.06.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
EPINEPHRINE BITARTRATE															
IIVS															
A1	RF	AA61LT	34.4	0.103	0.460	5.31%	0	2	0.9689	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A2
B1	DF	AA61LT	61.8	0.185	0.429	3.46%	1	6	0.8482	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49,	1.4	YES			SLS-B1
B2	DF	AA61LT	65.5	0.196	0.413	3.71%	0	6	0.8365	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49,	1.4	YES		SMT accepts this test in spite of no points between 0-50%; agreed to on 8/12/04	SLS-B2
B3	DF	AA61LT	62.8	0.188	0.388	2.42%	2	6	0.8693	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49,	1.4	YES			SLS-B3
ECBC															
AA61HW-A1	RF	AA61HW	25.4	0.076	0.280	0.36%	2	1	0.9466	10000,1000, 100, 10, 1,0.1, 0.01, 0.001	10	RF	range finder		SLS-P5
AA61HW-B1	DF	AA61HW	58.5	0.175	0.682	5.06%	1	6	0.8963	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.91, 6.74	1.47	YES			SLS-P23
AA61HW-B2	DF	AA61HW	46.8	0.140	0.582	3.32%	2	6	0.9135	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.91, 6.74	1.47	YES			SLS-P27
AA61HW-B3	DF	AA61HW	49.3	0.148	0.440	2.56%	1	6	0.9306	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.91, 6.74	1.47	YES			SLS-P29
FRAME															
FAL.3T3.RK.A1.01/04/04	RF	AA61RK	37.2	0.112	0.361	17.45%	3	0	0.8041	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder	possible volatility problem	FAL.3T3.SLS.01/04/04
FAL.3T3.RK.B1.29/04/04	DF	AA61RK	79.4	0.238	0.349	2.51%	1	0	0.9283	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	NO	no points between 50 - 100%		FAL.3T3.SLS.29/04/04
FAL.3T3.RK.B2.06/05/04	DF	AA61RK	70.5	0.211	0.341	4.84%	2	1	0.9573	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES			FAL.3T3.SLS.06/05/04
FAL.3T3.RK.B3.20/05/04	DF	AA61RK	62.2	0.187	0.407	6.36%	1	0	0.9364	200, 165, 137, 113, 93.3, 77.1, 63.7, 52.7	1.21	YES		lowest dilution factor used; SMT will accept this test	FAL.3T3.SLS.20/05/04
FAL.3T3.RK.B4.27/05/04	DF	AA61RK	57.4	0.172	0.490	12.09%	2	1	0.8531	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES			FAL.3T3.SLS.27/05/04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
ETHANOL															
IIVS															
A2	RF	AA61FH	NA	NA	0.416	0.36%	0	8	NA	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A3
B1	DF	AA61FH	12500	270.758	0.154	83.09%	4	1	0.9319	100000, 71429, 51020, 36443, 26031, 18593, 13281, 9486	1.4	NO	% VC difference > 15	VC1 ODs < VC2 ODs; VC1 removed from subsequent analysis; volatility issues.	SLS-B6
B2	DF	AA61FH	7140	155.089	0.400	8.34%	4	0	0.9518	100000, 71429, 51020, 36443, 26031, 18593, 13281, 9486	1.4	NO	no points between 50--100%	ppt in 1X C1-C3; plates read 15-16 hr late; orignial reading used wrong OD wavelength; outliers removed by SD; plate sealer used	SLS-B11
B3	DF	AA61FH	5200	112.871	0.388	2.54%	8	0	0.8605	20000, 16667, 13889, 11574, 9645, 8038, 6698, 5582	1.2	NO	no points between 50--100%;	plate sealer used	SLS-B12
B4	DF	AA61FH	6760	146.751	0.384	4.75%	6	2	0.8518	20000, 16667, 13889, 11574, 9645, 8038, 6698, 5582	1.2	YES		plate sealer used; outliers removed bySD	SLS-B13
B5	DF	AA61FH	NA	NA	NA	NA	NA	NA	NA	NA	NA	NO	PC fails		SLS-B14
B6	DF	AA61FH	6070	131.699	0.458	1.89%	4	4	0.9316	20000, 14286, 10204, 7289, 5206, 3719, 2656, 1897	1.4	YES			SLS-B15
B7	DF	AA61FH	6410	139.182	0.322	8.21%	4	3	0.9515	20000, 14286, 10204, 7289, 5206, 3719, 2656, 1897	1.4	YES		plate sealer used; outliers removed by SD	SLS-B16
ECBC															
AA61JU-A1	RF	AA61JU	NA	NA	0.322	0.67%	0	2	NA	10000,1000, 100, 10, 1,0.1, 0.01, 0.001	10	RF	range finder	no toxicity detected	SLS-P6
AA61JU-A2	RF	AA61JU	NA	NA	0.193	57.54%	2	2	NA	100000, 10000, 1000, 100, 10, 10, 0.1, 0.01	10	RF	range finder	probable volatility problem; VC1 <<< VC2	SLS-P8
AA61JU-B1(sealer)	DF	AA61JU	NA	NA	0.134	49.27%	6	1	NA	100000, 68027, 46277, 31481, 21416, 14568, 9911, 6742	1.47	NO	% VC difference > 15	volatility problem	SLS-P37
AA61JU-B2 (sealer)	DF	AA61JU	NA	NA	0.255	10.33%	4	0	NA	68027, 46277, 31481, 21416, 14568, 9910, 6742, 4586	1.47	NO	no points between 50 - 100%		SLS-P39
AA61JU-B3(sealer)	DF	AA61JU	NA	NA	0.218	19.55%	8	0	NA	40000, 33058, 27321, 22579, 18660, 15422, 12745, 10533	1.21	NO	no points between 50 - 100%		SLS-P47
AA61JU-B4 (sealer)	DF	AA61JU	NA	NA	0.234	15.04%	7	0	NA	30000, 24793, 20490, 16934, 13995, 11566, 9559, 7900	1.21	NO	PC fails	dilution factor is 1.21; no points between 50-100%; test would pass due to dilution factor	SLS-P50
AA61JU-B5 (sealer)	DF	AA61JU	NA	NA	0.250	9.95%	7	1	NA	20000, 16529, 13660, 11289, 9330, 7711, 6373, 5267	1.21	NO	PC fails		SLS-P52
AA61JU-B6 (sealer)	DF	AA61JU	5400	117.107	0.556	6.34%	3	5	0.8953	15000, 10204, 6942, 4722, 3212, 2185, 1487, 1011	1.47	NO	PC fails		SLS-P60
AA61JU-B7 (sealer)	DF	AA61JU	6300	136.641	0.478	17.05%	3	5	0.9477	15000, 10204, 6942, 4722, 3212, 2185, 1487, 1011	1.47	NO	% VC difference > 15		SLS-P62
AA61JU-B8 (sealer)	DF	AA61JU	4860	105.580	0.389	3.72%	3	5	0.9188	15000, 10204, 6942, 4722, 3212, 2185, 1487, 1011	1.47	YES			SLS-P64
AA61JU-B9 (sealer)	DF	AA61JU	7310	158.702	0.416	6.29%	2	6	0.8826	15000, 10204, 6942, 4722, 3212, 2185, 1487, 1011	1.47	YES			SLS-P66
AA61JU-B10 (sealer)	DF	AA61JU	3910	84.836	0.393	5.15%	4	4	0.9316	15000, 10204, 6942, 4722, 3212, 2185, 1487, 1011	1.47	YES			SLS-P68
FRAME															

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
FAL.3T3.PC.A1.30/04/04	RF	AA61PC	NA	NA	0.224	10.66%	0	1	0.0000	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.3T3.SLS.30/04/04
FAL.3T3.PC.B1.06/05/04	DF	AA61PC	NA	NA	0.190	26.31%	0	5	0.7166	50000, 34014, 23139, 15741, 10708, 7284, 4955, 3371	1.47	NO	no points between 0 - 50%; %VC difference > 15		FAL.3T3.SLS.06/05/04
FAL.3T3.PC.B2.20/05/04	DF	AA61PC	14200	308.732	0.223	34.53%	3	3	0.8898	50000, 34014, 23139, 15741, 10708, 7284, 4955, 3371	1.47	NO	%VC difference > 15; volatility problem		FAL.3T3.SLS.20/05/04
FAL.3T3.PC.B2.27/05/04 should be B3	DF	AA61PC	8300	180.128	0.412	19.58%	4	3	0.9538	50000, 34014, 23139, 15741, 10708, 7284, 4955, 3371	1.47	NO	%VC difference > 15; volatility problem		FAL.3T3.SLS.27/05/04
FAL.3T3.PC.B4.17/06/04	DF	AA61PC	44000	954.073	0.462	10.31%	0	0	0.9212	50000, 34014, 23139, 15741, 10708, 7284, 4955, 3371	1.47	NO	no points between 0 - 100%		FAL.3T3.SLS.17.06.04
FAL.3T3.PC.B5.24/06/04	DF	AA61PC	7110	154.377	0.311	6.43%	6	2	0.9785	50000, 34014, 23139, 15741, 10708, 7284, 4955, 3371	1.47	YES			FAL.3T3.SLS.24.06.04
FAL.3T3.PC.B6.08.07.04	DF	AA61PC	9480	205.865	0.234	14.05%	4	4	0.8796	40000, 27211, 18511, 12592, 8566, 5827, 3964, 2697	1.47	YES			FAL.3T3.SLS.08.07.04
FAL.3T3.PC.B7.16.07.04	DF	AA61PC	8670	188.184	0.308	13.82%	4	4	0.9668	40000, 27211, 18511, 12592, 8566, 5827, 3964, 2697	1.47	YES			FAL.3T3.SLS.16.07.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
ETHYLENE GLYCOL															
IIVS															
A1 Preliminary	RF	AA61HR	15700	252.899	0.430	9.87%	0	1	0.5803	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A1
B1	DF	AA61HR	27100	436.534	0.489	7.90%	2	2	0.9878	100000, 56250, 31600, 17800, 10000, 5600, 3160, 1770	1.78	YES			SLS-B1
B2	DF	AA61HR	22400	360.825	0.505	4.97%	2	3	0.9713	100000, 56250, 31600, 17800, 10000, 5600, 3160, 1770	1.78	YES			SLS-B2
B3	DF	AA61HR	28200	454.253	0.573	5.77%	2	5	0.9449	100000, 56250, 31600, 17800, 10000, 5600, 3160, 1770	1.78	YES			SLS-B3
ECBC															
ECBC-3T3-Ib-01 AA61LM-A1	RF	AA61LM	13000	209.407	0.288	17.62%	0	3	0.05128	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P1
ECBC-3T3-Ib-02 AA61LM-A2	RF	AA61LM	18000	289.948	0.238	13.45%	0	3	0.7979	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	No points between 10 and 50%; r2 < 0.8; PC failed; range finder		SLS-P3
ECBC-3T3-Ib-03 AA61LM-B1	DF	AA61LM	21200	341.495	0.408	19.53%	3	2	0.9087	100000, 68000, 46300, 31500, 21400, 14600, 9910, 6740	1.47	NO	VC difference > 15%: PC failed		SLS-P4
ECBC-3T3-Ib-04 AA61LM-B2	DF	AA61LM	19200	309.278	0.839	4.60%	3	3	0.9718	100000, 68000, 46300, 31500, 21400, 14600, 9910, 6740	1.47	YES			SLS-P5
ECBC-3T3-Ib-05 AA61LM-B3	DF	AA61LM	16100	259.343	0.445	8.06%	3	3	0.9290	100000, 68000, 46300, 31500, 21400, 14600, 9910, 6740	1.47	YES			SLS-P7
ECBC-3T3-Ib-06 AA61LM-B4	DF	AA61LM	19900	320.554	0.554	2.47%	3	3	0.9186	100000, 68000, 46300, 31500, 21400, 14600, 9910, 6740	1.47	YES			SLS-P9
ECBC-3T3-Ib-07 AA61LM-B5	DF	AA61LM	16500	265.786	0.480	16.31%	3	3	0.9611	100000, 68000, 46300, 31500, 21400, 14600, 9910, 6740	1.47	NO	VC difference > 15%		SLS-P12
ECBC-3T3-Ib-08 AA61LM-B6	DF	AA61LM	18100	291.559	0.529	1.25%	3	3	0.9695	100000, 68000, 46300, 31500, 21400, 14600, 9910, 6740	1.47	YES			SLS-P13
FRAME															
A1 1b3T3RF01FALPD	RF	AA61PD	NA	NA	0.527	11.89%	0	0	NA	985, 98.5, 9.9, 1.0, 0.1, 0.0099, 0.0010, 0.0001		RF	range finder		1b3T3CRTFALSLS 12/4/02
A2 1b3T3RF02FALPD	RF	AA61PD	34800	560.567	0.449	6.05%	1	0	0.9623	263510, 52702, 10540.4, 2108.1, 421.6, 84.3, 16.9, 3.4		NO	no points between 50 anad 100%		1b3T3CRTFALSLS 12/10/02
1b3T3DF01FALPD	DF	AA61PD	34200	550.902	0.443	1.22%	2	3	0.9645	182500, 124150, 85460, 57450, 39080, 26590, 18090, 12304		NO	PC failed		1b3T3CRTFALSLS 12/17/02
1b3T3DF02FALPD	DF	AA61PD	36500	587.951	0.612	12.90%	2	5	0.9340	100000, 68027, 46277, 31481, 21416, 14568, 9911, 6742		YES		NR crystals in plate	1b3T3CRTFALSLS 1/7/03
1b3T3DF03FALPD	DF	AA61PD	40500	652.384	0.306	12.08%	1	4	0.8911	100000, 68027, 46277, 31481, 21416, 14568, 9911, 6742		NO	NR crystals in plate; stopped after 1 h; PC failed		1b3T3CRTFALSLS 1/8/03
1b3T3DF04FALPD	DF	AA61PD	27200	438.144	0.489	11.17%	2	5	0.9232	85300, 58027, 39474, 26853, 18268, 12427, 8454, 5751		YES			1b3T3CRTFALSLS 1/14/03
1b3T3DF05FALPD	DF	AA61PD	41700	671.714	0.463	6.48%	1	5	0.9483	100000, 68100, 46100, 31500, 21400, 14600, 9900, 6700		NO	PC failed		1b3T3CRTFALSLS 1/15/03
1b3T3DF06FALPD	DF	AA61PD	23600	380.155	0.557	13.34%	4	3	0.8834	100000, 68027, 46277, 31481, 21416, 14568, 9911, 6742		YES			1b3T3CRTFALSLS 1/21/03

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
1b3T3DF07FALPD	DF	AA61PD	39300	633.054	0.281	12.56%	2	3	0.8509	100000, 68100, 46100, 31500, 21400, 14600, 9900, 6700		YES			1b3T3CRTFALSLS 2/26/03

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
FENPROPATHRIN															
IIVS															
A1	RF	AA61HY	15.3	0.044	0.359	2.00%	2	6	0.9682	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1-C2 and 1X C1-C2	SLS-A1
B1	DF	AA61HY	17.7	0.051	0.454	5.40%	4	4	0.9881	100, 62.5, 39.1, 24.4, 15.3, 9.54, 5.96, 3.73	1.6	YES		ppt in 2X C1-C3; ppt in 1X C1-C3	SLS-B5
B2	DF	AA61HY	18.1	0.05	0.362	1.43%	4	3	0.9827	100, 62.5, 39.1, 24.4, 15.3, 9.54, 5.96, 3.73	1.6	YES		ppt in 2X C1-C4; ppt in 1X C1-C3	SLS-B9
B3	DF	AA61HY	14.4	0.04	0.371	0.16%	5	3	0.9848	100, 62.5, 39.1, 24.4, 15.3, 9.54, 5.96, 3.73	1.6	YES		ppt in 2X C1-C4; ppt in 1X C1-C2	SLS-B10
ECBC															
AA61LJ-A1	RF	AA61LJ	29.5	0.084	0.290	2.90%	2	2	0.8956	1000, 100,10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1-C2 and 1X C1-C2	SLS-P2
AA61LJ-B1	DF	AA61LJ	20.3	0.058	0.316	1.48%	6	2	0.9404	150, 102, 69.4, 47.2, 32.1, 21.9, 14.9, 10.1	1.47	YES		slope & IC50 similar for B1, B2, and B3; ppt does not appear to be a factor;ppt in 2X C1-C3; ppt in 1X C1-C3	SLS-P6
AA61LJ-B2	DF	AA61LJ	22.3	0.064	0.254	6.77%	3	4	0.9379	60.0, 40.8, 27.8, 18.9, 12.9, 8.7, 6.0, 4.1	1.47	YES		slope & IC50 similar for B1, B2, and B3; ppt does not appear to be a factor;ppt in 2X C1-C3	SLS-P7
AA61LJ-B3	DF	AA61LJ	25.1	0.072	0.471	3.22%	2	5	0.9274	60.0, 40.8, 27.8, 18.9, 12.9, 8.74, 5.95, 4.05	1.47	YES		slope & IC50 similar for B1, B2, and B3; ppt does not appear to be a factor	SLS-16
FRAME															
FAL.3T3.PT.A1.080104	RF	AA61PT	142	0.405	0.407	9.41%	1	4	0.6639	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	well B7 outlier; no cells; not removed by SD	FAL.3T3.SLS.080104
FAL3T3.PT.A2.15-01-04	DF	AA61PT	54.7	0.157	0.386	2.12%	5	3	0.9203	1000, 680, 465, 216, 100, 46.5, 21.6, 10.1	2.15	NO	PC fails;	ppt in 1X C1-C5; ppt in 2X C1-C5	FAL.3T3.SLS.15/01/04
FAL3T3.PT.B1.22-01-04	DF	AA61PT	59.7	0.171	0.310	1.66%	5	3	0.8978	1000, 680, 465, 216, 100, 46.5, 21.6, 10.1	2.15	YES		ppt in 1X C1-C6 and 2X C1-C5	FAL.3T3.SLS.22/01/04
FAL3T3.PT.B2.29-01-04	DF	AA61PT	69.0	0.198	0.362	7.84%	3	2	0.9594	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES		ppt in 1X C1-C2; ppt in 2X C1-C4	FAL3T3.SLS.29-01-04
FAL3T3.PT.B3.05.02.04	DF	AA61PT	21.6	0.062	0.259	4.89%	4	1	0.9415	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	NO	PC fails;	problem with reservoir liners; ppt in 1X C1-C5 & 2X C1-C4	FAL.3T3.SLS.5/02/04
FAL3T3.PT.B4.25-02-04	DF	AA61 PT	29.8	0.085	0.523	3.33%	4	2	0.9173	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES		ppt in 1X C1-C3 & 2X C1-C2	FAL3T3.SLS.25.02.04
FAL3T3.PT.B5.17.03.04	DF	AA61PT	10.9	0.031	0.238	10.23%	3	3	0.8792	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES		ppt in 1X C1-C4 & 2X C1-C4	FAL.3T3.SLS.17/03/04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
GIBBERELLIC ACID															
IIVS															
A1	RF	AA61RE	NA	NA	0.403	3.68%	0	4	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A4
B1	DF	AA61RE	13300	38.322	0.557	0.22%	0	8	0.4182	5000, 3846, 2959, 2276, 2276, 1751, 1347, 1036, 797	1.3	NO	no points between 0-50%		SLS-B6
B2	DF	AA61RE	7830	22.618	0.457	1.39%	1	7	0.9631	10000, 7692, 5917, 4552, 3501, 2693, 2072, 1594	1.3	YES		plates read 15-16 hr late; orignial reading used wrong OD wavelength; ppt in 2X C1-C3	SLS-B11
B3	DF	AA61RE	6840	19.745	0.340	7.57%	2	6	0.9288	10000, 7692, 5917, 4552, 3501, 2693, 2072, 1594	1.3	YES		ppt in 2X C1-C4; outlier removed bySD because well didn't receive 50 ul of growth medium during refeeding	SLS-B12
B4	DF	AA61RE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NO	PC fails		SLS-B14
B5	DF	AA61RE	8300	23.958	0.413	2.36%	1	7	0.8974	10000, 7692, 5917, 4552, 3501, 2693, 2072, 1594	1.3	YES		ppt in 2X C1-C3	SLS-B15
ECBC															
AA61FR-A1	RF	AA61FR	NA	NA	0.472	0.90%	0	7	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P14
AA61FR-B1	DF	AA61FR	NA	NA	0.385	3.16%	0	8	NA	5000, 4132, 3415, 2822, 2333, 1928, 1593, 1317	1.21	NO	no points between 0 - 50%		SLS-P47
AA61FR-B2	DF	AA61FR	9020	26.028	0.430	3.16%	1	7	0.8611	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES		ppt in 2X C1	SLS-P65
AA61FR-B3	DF	AA61FR	7820	22.566	0.436	1.89%	2	5	0.9515	20000, 13605, 9255, 6296, 4283, 2914, 1982, 1348	1.47	YES		ppt in 2X C1-C4; ppt in 1X C1	SLS-P67
AA61FR-B4	DF	AA61FR	7240	20.914	0.356	2.99%	3	4	0.9605	20000, 13605, 9255, 6296, 4283, 2914, 1982, 1348	1.47	YES		ppt in 2X C1-C4	SLS-P69
FRAME															
FAL.3T3.GY.A1.10.09.04	RF	AA61GY	78.3	0.226	0.293	5.52%	2	0	0.9008	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; no points between 50 - 100%		FAL.3T3.SLS.10.09.04
FAL.3T3.GY.B1.16.09.04	DF	AA61GY	NA	NA	0.317	23.98%	0	0	0.0000	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	NO	no points between 0 - 100%; %VC difference >15		FAL.3T3.SLS.16.09.04 addendum lists incorrect PC
FAL.3T3.GY.B2.15.10.04	DF	AA61GY	NA	NA	0.286	4.02%	0	4	0.0000	5000, 3401, 2314, 1574, 1071, 728, 496, 337	1.47	NO	no points between 0 - 50%	outlier removed by SD	FAL.3T3.SLS.15.10.04
FAL.3T3.GY.B3.25.11.04	DF	AA61GY	NA	NA	0.342	6.74%	0	2	0.0000	5000, 3401, 2314, 1574, 1071, 728, 496, 337	1.47	NO	no points between 0 - 50%		FAL.3T3.SLS.25.11.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
GLUTETHIMIDE															
IIVS															
A1	RF	AA61NN	80.5	0.371	0.294	7.00%	2	6	0.9499	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1	SLS-A5
B1	DF	AA61NN	139	0.640	0.374	6.19%	3	5	0.9421	500, 313, 195, 122, 76.3, 47.7, 29.8, 18.6	1.6	YES			SLS-B6
B2	DF	AA61NN	119	0.548	0.263	2.36%	4	4	0.9536	500, 313, 195, 122, 76.3, 47.7, 29.8, 18.6	1.6	YES		outliers removed bySD	SLS-B13
B3	DF	AA61NN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NO	PC fails		SLS-B14
B4	DF	AA61NN	122	0.561	0.350	9.49%	4	4	0.9580	500, 313, 195, 122, 76.3, 47.7, 29.8, 18.6	1.6	YES			SLS-B15
B5	DF	AA61NN	121	0.558	0.339	0.00%	4	4	0.9484	500, 313, 195, 122, 76.3, 47.7, 29.8, 18.6	1.6	YES			SLS-B17
ECBC															
AA61FE-A1	RF	AA61FE	256	1.177	0.486	2.55%	1	7	0.9256	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-16
AA61FE-B1	DF	AA61FE	160	0.736	0.605	10.75%	5	3	0.9842	1000, 680, 463, 315, 214, 146, 99, 67	1.47	YES		ppt in 2X C1-C2; appear oily	SLS-P44
AA61FE-B2	DF	AA61FE	174	0.800	0.575	4.13%	5	3	0.9784	1000, 680, 463, 315, 214, 146, 99, 67	1.47	YES		ppt in 2X C1-C2; appear oily	SLS-P46
AA61FE-B3	DF	AA61FE	167	0.767	0.256	3.42%	5	3	0.9456	1000, 680, 463, 315, 214, 146, 99, 67	1.47	YES			SLS-P48
FRAME															
FAL.3T3.KY.A1.21.10.04	RF	AA61KY	508	2.339	0.227	5.39%	1	1	0.8073	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1	FAL.3T3.SLS.21.10.04
FAL.3T3.KY.B1.11.11.04	DF	AA61KY	303	1.396	0.268	4.20%	3	5	0.9424	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	YES		ppt in 2X C1	FAL.3T3.SLS.10.11.04
FAL.3T3.KY.B2.19.11.04	DF	AA61KY	262	1.208	0.207	3.18%	2	5	0.9086	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	YES		ppt in 2X C1	FAL.3T3.SLS.19.11.04
FAL.3T3.KY.B3.25.11.04	DF	AA61KY	288	1.327	0.350	10.56%	2	5	0.7829	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	YES			FAL.3T3.SLS.25.11.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
GLYCEROL															
IIVS															
A1	RF	AA61JF	NA	NA	0.402	3.00%	0	4	0.5520	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A1
B1	DF	AA61JF	38200	414.75	0.453	1.93%	3	5	0.9665	100000, 71429, 51020, 36443, 26031, 18593, 13281, 9486	1.4	YES			SLS-B6
B2	DF	AA61JF	28800	313.175	0.460	1.18%	4	4	0.9609	100000, 71429, 51020, 36443, 26031, 18593, 13281, 9486	1.4	YES		plates read 15-16 hr late; orignial reading used wrong OD wavelength	SLS-B11
B3	DF	AA61JF	16500	178.973	0.392	5.33%	4	2	0.9540	100000, 71429, 51020, 36443, 26031, 18593, 13281, 9486	1.4	YES		outlier removed bySD	SLS-B12
ECBC															
AA61HG-A1	RF	AA61HG	31800	344.975	0.345	4.28%	0	4	0.3823	10000, 1000, 100,10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P1
AA61HG-A2	RF	AA61HG	1870	20.314	0.446	5.59%	1	2	0.9208	10000, 1000, 100,10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P3
AA61HG-B1	DF	AA61HG	23400	254.558	0.471	0.04%	4	4	0.9245	100000, 68027, 46277, 31481, 21416, 14568, 9911, 6742	1.47	YES			SLS-P17
AA61HG-B2	DF	AA61HG	18800	204.544	0.434	1.94%	4	3	0.9732	100000, 68027, 46277, 31481, 21416, 14568, 9911, 6742	1.47	YES			SLS-P23
AA61HG-B3	DF	AA61HG	11600	125.831	0.341	18.42%	6	2	0.9815	100000, 68027, 46277, 31481, 21416, 14568, 9911, 6742	1.47	NO	%VC difference > 15		SLS-P30
AA61HG-B4	DF	AA61HG	17800	193.102	0.642	0.19%	4	4	0.9798	68027, 46277, 31481, 21416, 14568, 9910, 6742, 4586	1.47	YES			SLS-P36
FRAME															
FAL.3T3.RA.A1.08/01/04	RF	AA61RA	NA	NA	0.777	13.65%	0	8	NA	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	no points between 0-50; range finder	straight line; no toxicity	FAL.3T3.SLS.080104
FAL3T3.RA.A2.15-01-04	DF	AA61RA	11400	123.819	0.717	1.03%	2	6	0.6816	100000, 31646, 10014, 3169, 1003, 317, 100, 31.8	3.16	NO	PC fails;		FAL.3T3.SLS.15/01/04
FAL3T3.RA.B1.22-01-04	DF	AA61RA	5710	62.057	0.447	3.38%	3	5	0.9498	100000, 31646, 10014, 3169, 1003, 317, 100, 31.8	3.16	YES			FAL.3T3.SLS.22/01/04
FAL3T3.RA.B2.29-01-04	DF	AA61RA	71800	779.449	0.481	1.42%	1	7	0.9674	100000, 68027, 46277, 31481, 21416, 14568, 9911, 6742	1.47	YES		little variation in curve; no acidity at C1; morpholog. score didn't match NRU which was lower than expected; affect lysosomes?	FAL3T3.SLS.29-01-04
FAL3T3.RA.B3.05.02-04	DF	AA61RA	18900	205.016	0.370	3.33%	4	4	0.8908	100000, 68027, 46277, 31481, 21416, 14568, 9911, 6742	1.47	NO	PC fails;	problem with reservoir liners	FAL.3T3.SLS.5/02/04
FAL3T3.RA.B4.25-02-04	DF	AA61RA	49200	534.303	0.513	2.62%	2	3	0.9772	100000, 68027, 46277, 31481, 21416, 14568, 9911, 6742	1.47	YES			FAL3T3.SLS.25.02.04
FAL3T3.RA.B5.17-03-04	DF	AA61RA	28800	313.175	0.438	7.92%	4	4	0.9627	100000, 68027, 46277, 31481, 21416, 14568, 9911, 6742	1.47	YES			FAL.3T3.SLS.17/03/04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
HALOPERIDOL															
IIVS															
A1	RF	AA61LW	7.60	0.020	0.290	0.23%	0	1	0.4600	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder	the solvent controls were treated with 1% DMSO, rather than 0.5%.; ppt in 1X C1-C2	SLS-A4
B1	DF	AA61LW	5.98	0.016	0.399	1.50%	3	5	0.9242	10.0, 7.69, 5.92, 4.55, 3.50, 2.69, 2.07, 1.59	1.3	YES			SLS-B5
B2	DF	AA61LW	5.69	0.015	0.318	4.32%	4	4	0.9350	20.0, 14.3, 10.2, 7.29, 5.21, 3.72, 2.66, 1.90	1.4	YES			SLS-B13
B3	DF	AA61LW	NA	NA	NA	NA	NA	NA	NA	NA	NA	NO	PC fails		SLS-B14
B4	DF	AA61LW	4.73	0.013	0.358	6.35%	3	4	0.9252	20.0, 14.3, 10.2, 7.29, 5.21, 3.72, 2.66, 1.90	1.4	YES			SLS-B15
ECBC															
AA61JC-A1	RF	AA61JC	3.45	0.009	0.346	9.78%	2	5	0.9328	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder	ppt in 2X C1 and 1X C1	SLS-P14
AA61JC-B1	DF	AA61JC	5.01	0.013	0.454	8.40%	3	4	0.9612	20.0, 13.6, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES			SLS-P38
AA61JC-B2	DF	AA61JC	4.89	0.013	0.320	12.12%	4	4	0.8878	20.0, 13.6, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES			SLS-P39
AA61JC-B3	DF	AA61JC	6.07	0.016	0.433	1.12%	2	5	0.9620	20.0, 13.6, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES			SLS-P42
FRAME															
FAL.3T3.PM.A1.10.09.04	RF	AA61PM	NA	NA	0.373	3.11%	0	1	0.0000	100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder; no points between 0 -- 50%	ppt in 1X C1	FAL.3T3.SLS.10.09.04
FAL.3T3.PM.B1.16.09.04	DF	AA61PM	NA	NA	0.269	3.91%	0	0	0.0000	250, 170, 116, 78.7, 53.5, 36.4, 24.8, 16.9	1.47	NO	no points between 50 - 100%	ppt in 2X C1	FAL.3T3.SLS.16.09.04
FAL.3T3.PM.B2.23.09.04	DF	AA61PM	10.1	0.027	0.199	6.98%	1	0	0.8164	25.0, 11.6, 5.4, 2.5, 1.2, 0.544, 0.253, 0.118	2.15	NO	no points between 50 - 100%	ppt in 2X C1	FAL.3T3.SLS.23.09.04
FAL.3T3.PM.B3.14.10.04	DF	AA61PM	8.75	0.023	0.232	1.04%	2	2	0.9504	25.0, 17.0, 11.6, 7.87, 5.35, 3.64, 2.48, 1.69	1.47	YES		ppt in 2X C1	FAL.3T3.SLS.14.10.04
FAL.3T3.PM.B4.21.10.04	DF	AA61PM	7.60	0.020	0.251	12.27%	3	1	0.9286	25.0, 17.0, 11.6, 7.87, 5.35, 3.64, 2.48, 1.69	1.47	YES		ppt in 2X C1	FAL.3T3.SLS.21.10.04
FAL.3T3.PM.B5.04.11.04	DF	AA61PM	7.63	0.020	0.190	12.15%	3	3	0.9797	25.0, 17.0, 11.6, 7.87, 5.35, 3.64, 2.48, 1.69	1.47	YES		outlier removed bySD	FAL.3T3.SLS.04.11.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
HEXACHLOROPHENE															
IIVS															
A1	RF	AA61JN	3.21	0.008	0.353	1.04%	1	2	0.9799	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1	SLS-A1
B1	DF	AA61JN	2.90	0.01	0.440	0.93%	5	3	0.9582	20.0, 12.5, 7.81, 4.88, 3.05, 1.91, 1.19, 0.745	1.6	YES			SLS-B5
B2	DF	AA61JN	3.39	0.01	0.367	0.61%	4	4	0.9595	20.0, 12.5, 7.81, 4.88, 3.05, 1.91, 1.19, 0.745	1.6	YES			SLS-B9
B3	DF	AA61JN	2.88	0.01	0.341	3.03%	5	3	0.9868	20.0, 12.5, 7.81, 4.88, 3.05, 1.91, 1.19, 0.745	1.6	YES			SLS-B10
ECBC															
AA61ND-A1	RF	AA61ND	9.47	0.023	0.329	9.12%	2	2	0.9700	1000, 100,10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1-C2 and ppt in 1X C1	SLS-P4
AA61ND-B1	DF	AA61ND	7.81	0.019	0.293	3.27%	3	3	0.9653	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P18
AA61ND-B2	DF	AA61ND	3.70	0.009	0.426	9.89%	3	3	0.9878	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P20
AA61ND-B3	DF	AA61ND	3.56	0.009	0.371	3.77%	5	3	0.9882	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P21
FRAME															
FAL.3T3.HB.A1.09/01/04	RF	AA61HB	9.80	0.024	0.387	8.80%	1	4	0.9858	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	did'nt dissolve properly; top 2 conc. prepared from stock & C2 from C1. C3 prepared by diluting stock and C4-8 from the respective C3-7 (from SD); ppt at 100 ug/mL.	FAL.3T3.SLS.09/01/04
FAL.3T3.HB.B1.16.01.04	DF	AA61 HB	7.35	0.018	0.558	6.11%	4	3	0.9833	100, 47.0, 22.0, 10.0, 4.68, 2.18, 1.01, 0.47	2.15	YES			FAL.3T3.SLS.16/01/04
FAL.3T3.HB.B2.23.01.04	DF	AA61HB	4.59	0.011	0.393	5.57%	3	3	0.8846	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			FAL3T3.23-01-04
FAL.3T3.HB.B3.30.01.04	DF	AA61HB	NA	NA	0.264	12.04%	2	6	NA	100, 47.0, 22.0, 10.0, 4.68, 2.18, 1.01, 0.47	2.15	NO	SD rejects this experiment	serious NR crystal problem; SD rejects this experiment	FAL.3T3.SLS.29/01/04
FAL.3T3.HB.B4.06-02-04	DF	AA61HB	4.10	0.010	0.455	3.82%	5	3	0.9631	100, 47.0, 22.0, 10.0, 4.68, 2.18, 1.01, 0.47	2.15	YES		possible NR crystals present; blanks slightly higher than usual	FAL.3T3.SLS.06/02/04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
LACTIC ACID															
IIVS															
A1	RF	AA61FW	1710	18.940	0.443	13.41%	1	2	0.8766	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A2
B1	DF	AA61FW	3020	33.525	0.447	0.32%	1	2	0.9050	10000, 6667, 4444, 2963, 1975, 1317, 878, 585	1.5	YES		plate sealer used	SLS-B4
B2	DF	AA61FW	3210	35.594	0.371	3.03%	0	5	0.9595	10000, 6667, 4444, 2963, 1975, 1317, 878, 585	1.5	NO	no points between 0-50%		SLS-B7
B3	DF	AA61FW	2770	30.787	0.422	6.41%	0	5	0.9166	10000, 6667, 4444, 2963, 1975, 1317, 878, 585	1.5	NO	no points between 0-50%		SLS-B8
B4	DF	AA61FW	2840	31.577	0.494	1.43%	2	5	0.8914	5000, 4167, 3472,2894,2411, 2009, 1674, 1395	1.2	YES		plates read 15-16 hr late; orignial reading used wrong OD wavelength	SLS-B11
B5	DF	AA61FW	2510	27.821	0.349	3.18%	2	5	0.8772	5000, 4167, 3472,2894,2411, 2009, 1674, 1395	1.2	YES		outliers removed bySD	SLS-B12
ECBC															
AA61NL-A1	RF	AA61NL	1890	20.959	0.260	14.18%	1	1	0.8301	10000,1000, 100, 10, 1,0.1, 0.01, 0.001	10	RF	range finder	ppt in 1X C1	SLS-P5
AA61NL-B1	DF	AA61NL	2630	29.199	0.587	4.77%	3	5	0.9427	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES			SLS-P26
AA61NL-B2	DF	AA61NL	2940	32.687	0.526	1.28%	3	5	0.9463	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES			SLS-P27
AA61NL-B3	DF	AA61NL	3260	36.172	0.441	1.38%	3	4	0.9660	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES			SLS-P29
FRAME															
FAL.3T3.JT.A1.01/04/04	RF	AA61JT	5750	63.881	0.314	3.27%	1	0	0.7232	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.3T3.SLS.01/04/04
FAL.3T3.JT.B1.29/04/04	DF	AA61JT	3000	33.294	0.315	0.03%	2	2	0.9638	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	YES		NR crystals; high background	FAL.3T3.SLS.29/04/04
FAL.3T3.JT.B2.07/05/04	DF	AA61JT	3590	39.845	0.361	17.30%	4	2	0.9759	10000, 7519, 5653, 4251, 3196, 2403, 1807, 1358	1.33	NO	%VC difference > 15	possible volatility problem	FAL.3T3.SLS.07/05/04
FAL.3T3.JT.B3.20/05/04	DF	AA61JT	4100	45.538	0.377	2.39%	4	1	0.9730	10000, 7519, 5653, 4251, 3196, 2403, 1807, 1358	1.33	YES			FAL.3T3.SLS.20/05/04
FAL.3T3.JT.B4.27/05/04	DF	AA61JT	3360	37.271	0.363	1.72%	4	4	0.8950	10000, 7519, 5653, 4251, 3196, 2403, 1807, 1358	1.33	YES			FAL.3T3.SLS.27/05/04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
LINDANE															
IIVS															
A1	RF	AA61PJ	15.9	0.055	0.403	35.64%	1	7	0.9488	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder	VC1 ODs < VC2 ODs; VC1 removed from subsequent analysis; ppt in 2X C1; volatility issues.	SLS-A3
B1	DF	AA61PJ	39.0	0.134	0.403	5.91%	2	4	0.9245	100, 55.6, 30.9, 17.1, 9.53, 5.29, 2.94, 1.63	1.8	YES		ppt in 2X C1-C2; plate sealer used	SLS-B5
B2	DF	AA61PJ	51.2	0.176	0.244	10.19%	3	4	0.9211	500, 278, 154, 85.7, 47.6, 26.5, 14.7, 8.17	1.8	YES		SD removed C1 from Hill function due to upswing in response curve; C1 toxicity< C2-C4; plate sealer used; ppt in 2X C1-C4	SLS-B13
B3	DF	AA61PJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NO	PC fails		SLS-B14
B4	DF	AA61PJ	35.2	0.121	0.239	1.50%	4	3	0.9526	500, 278, 154, 85.7, 47.6, 26.5, 14.7, 8.17	1.8	YES		ppt in 2X C1-C5; ppt in 1X C1-C3	SLS-B15
B5	DF	AA61PJ	288	0.989	0.251	0.40%	1	5	0.8492	500, 278, 154, 85.7, 47.6, 26.5, 14.7, 8.17	1.8	YES		ppt in 2X C1-C3	SLS-B16
B6	DF	AA61PJ	38.8	0.133	0.324	4.98%	4	3	0.8974	500, 278, 154, 85.7, 47.6, 26.5, 14.7, 8.17	1.8	YES		ppt in 2X C1-C6	SLS-18
ECBC															
AA61FK-A1	RF	AA61FK	38.9	0.134	0.191	14.03%	2	6	0.9093	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1-C2; ppt in 1X C1; higher than usual blank OD	SLS-P10
AA61FK-B1	DF	AA61FK	42.9	0.147	0.242	3.72%	3	5	0.9082	500, 233, 108, 50.3, 23.4, 10.9, 5.06, 2.35	2.15	YES		ppt in 2X C1-C3; ppt in 1X C1-C2	SLS-P65
AA61FK-B2	DF	AA61FK	262	0.902	0.340	0.96%	2	6	0.8636	500, 233, 108, 50.3, 23.4, 10.9, 5.06, 2.35	2.15	YES		ppt in 2X C1-C3; ppt in 1X C1	SLS-P66
AA61FK-B3	DF	AA61FK	71.0	0.244	0.240	5.46%	3	4	0.8190	500, 233, 108, 50.3, 23.4, 10.9, 5.06, 2.35	2.15	YES		ppt in 2X C1-C3; ppt in 1X C1-C3; SD removed data for C1 from PRISM analysis	SLS-P69
FRAME															
FAL.3T3.KN.A1.27/05/04	RF	AA61KN	37.1	0.127	0.252	24.49%	2	2	0.7351	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; % VC difference > 15	ppt in 1X C1; volatility problem	FAL.3T3.SLS.27/05/04
FAL.3T3.KN.B1.04/06/04	DF	AA61KN	125	0.431	0.363	11.01%	3	5	0.7052	2500, 791, 250, 79.2, 25.1, 7.9, 2.5, 0.8	3.16	YES		odd graph; ppt in 2X C1-C4 and ppt in 1X C1	FAL.3T3.SLS.04.06.04
FAL.3T3.KN.B2.18/06/04	DF	AA61KN	45.5	0.156	0.404	11.01%	4	0	0.8725	1500, 475, 150, 47.5, 15.0, 4.76, 1.51, 0.48	3.16	NO	no points between 50 - 100%	ppt in 1X C1-C3 and 2X C1-C2	FAL.3T3.SLS.18.06.04
FAL.3T3.KN.B3.24.06.04	DF	AA61KN	153	0.528	0.355	17.86%	3	1	0.9198	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	NO	% VC difference > 15	volatility problem; ppt in 2X C1-C3	FAL.3T3.SLS.24.06.04
FAL.3T3.KN.B4.08.07.04	DF	AA61KN	308	1.060	0.250	11.89%	1	7	0.7219	500, 340, 231, 157, 107, 72.8, 49.6, 33.7	1.47	YES		ppt in 2X C1-C3 and ppt in 1X C1-C3	FAL.3T3.SLS.08.07.04
FAL.3T3.KN.B5.09.07.04	DF	AA61KN	303	1.041	0.333	4.48%	2	6	0.7443	500, 340, 231, 157, 107, 72.8, 49.6, 33.7	1.47	YES		ppt in 2X C1-C5 and ppt in 1X C1-C3	FAL.3T3.SLS.09.07.04
FAL.3T3.KN.B6.16.07.04	DF	AA61KN	329	1.131	0.238	6.21%	2	3	0.9111	500, 340, 231, 157, 107, 72.8, 49.6, 33.7	1.47	YES		ppt in 2X C1-C4 and ppt in 1X C1-C2	FAL.3T3.SLS.16.07.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
LITHIUM I CARBONATE															
IIVS															
A1	RF	AA61RN	625	8.459	0.557	5.35%	0	2	-0.1197	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder		SLS-A1
B1	DF	AA61RN	877	11.869	0.378	2.23%	0	6	0.1322	300, 214, 153, 109, 78.1,55.8, 39.8, 28.5	1.4	NO	no points between 0.1 - 50%; low r2		SLS-B1
B2	DF	AA61RN	NA	NA	0.499	7.37%	0	4	0.2402	300, 214, 153, 109, 78.1,55.8, 39.8, 28.5	1.4	NO	No points between 0.1 - 50%; low r2		SLS-B2
B3	DF	AA61RN	2.74	0.037	0.573	2.02%	0	3	-0.0036	300, 214, 153, 109, 78.1,55.8, 39.8, 28.5	1.4	NO	no points 0.1- 50%; PC fails		SLS-B3
B4	DF	AA61RN	NA	NA	0.500	8.09%	0	5	NA	300, 214, 153, 109, 78.1,55.8, 39.8, 28.5	1.4	NO	no points between 0.1 - 50%; low r2		SLS-B4
ECBC															
AA61RR-A1	RF	AA61RR	NA	NA	0.363	7.10%	0	0	0.2245	100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	no points between 10 - 90%; low r2; range finder		SLS-P1
AA61RR-A2	RF	AA61RR	561	7.592	0.387	11.51%	0	3	0.2234	500, 50, 5.0, 0.5, 0.05, 0.005, 0.0005	10	NO	no points between 10 - 50%; low r2; range finder		SLS-P3
AA61RR-B1	DF	AA61RR	656	8.878	0.574	2.50%	1	5	0.7540	750, 510.2, 347.1, 236.1, 160.6, 109.3, 74.3, 50.6	1.47	NO	low r2	cloudy stock solution	SLS-P6
AA61RR-B2	DF	AA61RR	762	10.313	0.568	2.56%	1	5	0.7590	750, 510.2, 347.1, 236.1, 160.6, 109.3, 74.3, 50.6	1.47	NO	low r2		SLS-P8
AA61RR-B3	DF	AA61RR	574	7.768	0.545	0.11%	2	6	0.8864	1102.5, 750, 510.2, 347.1, 236.1, 160.6, 109.3, 74.3	1.47	YES			SLS-P10
AA61RR-B4	DF	AA61RR	630	8.526	0.608	3.32%	2	4	0.9561	1102.5, 750, 510.2, 347.1, 236.1, 160.6, 109.3, 74.3	1.47	YES		ppts. In C1-C3	SLS-P15
AA61RR-B5	DF	AA61RR	498	6.740	0.195	1.42%	2	5	0.9176	1102.5, 750, 510.2, 347.1, 236.1, 160.6, 109.3, 74.3	1.47	YES		ppts. In C1-C3	SLS-P16
FRAME															
FAL.3T3.A1.RM.200603	RF	AA61RM	28200	381.648	0.729	6.72%	0	0	0.2031	100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	no points between 10 - 90%; low r2; range finder		FAL.3T3.SLS2.A1.200603
FAL.3T3.RM.B1.04.07.03	DF	AA61RM	0.002	0.000	0.509	0.53%	0	0	-0.3160	250, 170, 115.7, 78.7, 53.5, 36.4, 24.8, 16.9	1.47	NO	PC fails; no points between 10 - 90%	straight cytotoxicity line; can't perform proper calculations	FAL.3T3.SLS.04.07.03
FAL.3T3.B2.RM.11.07.03	DF	AA61RM	NA	NA	0.490	2.31%	0	0	NA	250, 170, 115.7, 78.7, 53.5, 36.4, 24.8, 16.9	1.47	NO	PC fails; no points between 10 - 90%		FAL.3T3.SLS.11.07.03
FAL.3T3.B3.RM.18.07.03	DF	AA61RM	NA	NA	0.517	2.17%	0	0	NA	250, 170, 115.7, 78.7, 53.5, 36.4, 24.8, 16.9	1.47	NO	no points between 10 - 90%; No toxicity		FAL.3T3.SLS.18.07.03
FAL.3T3.RM.B4.070803	DF	AA61RM	24.7	0.334	0.738	5.09%	0	8	0.6965	1000, 680, 462, 314, 214, 145, 99.1, 67.4	1.47	NO	PC fails; no points between 0 & 50% viability; cytotoxicity curve goes in opposite direction		FAL.3T3.SLS.070803
FAL.3T3.RM.B5.080803	DF	AA61RM	1190	16.105	0.474	18.96%	1	7	0.2883	1000, 680, 462, 314, 214, 145, 99.1, 67.4	1.47	NO	PC fails; low r2; % VC difference > 15		FAL.3T3.SLS.080803

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
MEPROBAMATE															
IIVS															
A1	RF	AA61LS	390	1.786	0.329	5.97%	1	7	0.9290	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A1
B1	DF	AA61LS	395	1.811	0.544	1.09%	3	5	0.9490	2000, 1111, 617, 343, 191, 106, 58.8, 32.7	1.8	YES		ppt in 2X C1	SLS-B5
B2	DF	AA61LS	385	1.762	0.367	1.27%	3	5	0.9715	2000, 1111, 617, 343, 191, 106, 58.8, 32.7	1.8	YES			SLS-B9
B3	DF	AA61LS	377	1.726	0.381	5.07%	3	5	0.9719	2000, 1111, 617, 343, 191, 106, 58.8, 32.7	1.8	YES			SLS-B10
ECBC															
AA61RJ-A1	RF	AA61RJ	283	1.297	0.266	3.58%	1	5	0.8633	1000, 100,10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P2
AA61RJ-B1	DF	AA61RJ	309	1.416	0.336	9.11%	2	6	0.8967	2000, 930, 433, 201, 93.6, 43.5, 20.2, 9.4	2.15	YES			SLS-P6
AA61RJ-B2	DF	AA61RJ	344	1.577	0.285	3.34%	3	4	0.9449	2000, 930, 433, 201, 93.6, 43.5, 20.2, 9.4	2.15	YES			SLS-P8
AA61RJ-B3	DF	AA61RJ	407	1.866	0.345	0.70%	3	5	0.8884	2000, 930, 433, 201, 93.6, 43.5, 20.2, 9.4	2.15	YES		outlier not removed from from C6	SLS-P18
FRAME															
FAL.3T3.HV.A1.080104	RF	AA61HV	798	3.655	0.505	5.60%	1	1	0.8944	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.3T3.SLS.080104
FAL3T3.HV.A2.15-01-04	DF	AA61HV	1030	4.720	0.526	6.07%	2	6	0.9564	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	NO	PC fails;		FAL.3T3.SLS.15/01/04
FAL3T3.HV.B1.22-01-04	DF	AA61HV	984	4.508	0.311	13.54%	2	5	0.7904	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES		solubility a problem above 2500 ug/ml	FAL.3T3.SLS.22/01/04
FAL3T3.HV.B2.29-01-04	DF	AA61HV	904	4.139	0.377	3.07%	3	5	0.9632	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	YES			FAL3T3.SLS.29-01-04
FAL3T3.HV.B3.05.02.04	DF	AA61HV	80	0.366	0.341	11.28%	8	0	0.5764	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	NO	PC fails; no points between 50-100	problem with reservoir liners	FAL.3T3.SLS.5/02/04
FAL.3T3.HV.B4.25.02.04	DF	AA61HV	927	4.246	0.437	3.66%	3	5	0.9673	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	YES			FAL3T3.SLS.25.02.04
FAL3T3.HV.B5.17.03.04	DF	AA61HV	692	3.169	0.378	0.13%	4	4	0.9275	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	YES			FAL.3T3.SLS.17/03/04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
MERCURY II CHLORIDE															
IIVS															
A1	RF	AA61MX	1.21	0.004	0.316	58.59%	1	4	0.9661	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	VC1 ODs < VC2 ODs; VC1 removed from subsequent analysis; volatility issues.	SLS-A1
B1	DF	AA61MX	3.39	0.012	0.320	2.63%	1	6	0.9147	10.0, 5.56, 3.09, 1.71, 0.953, 0.529, 0.294, 0.163	1.8	YES			SLS-B1
B2	DF	AA61MX	3.50	0.013	0.311	5.10%	1	1	0.9564	10.0, 5.56, 3.09, 1.71, 0.953, 0.529, 0.294, 0.163	1.8	YES			SLS-B2
B3	DF	AA61MX	3.63	0.013	0.346	7.05%	2	5	0.9477	10.0, 5.56, 3.09, 1.71, 0.953, 0.529, 0.294, 0.163	1.8	YES			SLS-B3
ECBC															
AA61KP-A1	RF	AA61KP	NA	NA	0.152	58.91%	2	2	0.9275	1000, 100,10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	low ODs for VC1; ppt in C1	SLS-P2
AA61KP-A2	RF	AA61KP	1.43	0.005	0.373	3.96%	0	1	0.9241	10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001, 0.000001	10	RF	range finder		SLS-P4
AA61KP-B1	DF	AA61KP	3.26	0.012	0.278	2.28%	2	1	0.8937	10.0, 4.65, 2.16, 1.01, 0.47, 0.22, 0.10, 0.05	2.15	YES			SLS-P18
AA61KP-B2	DF	AA61KP	3.61	0.013	0.353	5.88%	2	5	0.9465	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES			SLS-P20
AA61KP-B3	DF	AA61KP	3.48	0.013	0.384	6.51%	2	5	0.9682	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES			SLS-P21
FRAME															
FAL.3T3.HA.A1.080104	RF	AA61HA	4.11	0.015	0.399	9.97%	1	0	0.9558	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	no points between 50-100 range finder	ppt in 1000ug/ml	FAL.3T3.SLS.080104
FAL3T3.HA.A2.15-01-04	DF	AA61HA	6.77	0.025	0.363	6.52%	2	6	0.8549	10.0, 7.7, 5.9, 4.6, 3.5, 2.7, 2.1, 1.6	1.3	NO	PC fails;		FAL.3T3.SLS.15/01/04
FAL3T3.HA.B1.22-01-04	DF	AA61HA	5.71	0.021	0.371	3.49%	1	6	0.8036	10.0, 7.7, 5.9, 4.6, 3.5, 2.7, 2.1, 1.6	1.3	YES			FAL.3T3.SLS.22/01/04
FAL3T3.HA.B2.29-01-04	DF	AA61HA	7.98	0.029	0.481	1.42%	1	5	0.9674	10.0, 7.7, 5.9, 4.6, 3.5, 2.7, 2.1, 1.6	1.3	YES			FAL3T3.SLS.29-01-04
FAL3T3.HA.B3.05.02.04	DF	AA61HA	0.967	0.004	0.380	7.96%	8	0	0.8305	10.0, 7.7, 5.9, 4.6, 3.5, 2.7, 2.1, 1.6	1.3	NO	PC fails; no points between 50-100	problem with reservoir liners	FAL.3T3.SLS.5/02/04
FAL3T3.HA.B4.17.03.04	DF	AA61HA	4.28	0.016	0.223	2.28%	3	5	0.9519	10, 7.63, 5.83, 4.45, 3.40, 2.59, 1.98, 1.51	1.31	YES			FAL.3T3.SLS.17/03/04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
METHANOL															
IIVS															
A1	RF	AA61FZ	NA	NA	0.256	7.10%	0	6	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A5
B1	DF	AA61FZ	NA	NA	0.380	5.76%	0	2	0.4933	2500, 1923, 1479, 1138, 875, 673, 518, 398	1.3	NO	no points between 0 - 50%		SLS-B9
B2	DF	AA61FZ	NA	NA	0.284	2.14%	0	1	NA	2500, 1923, 1479, 1138, 875, 673, 518, 398	1.3	NO	no points between 0 - 50%		SLS-B13
B3	DF	AA61FZ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NO	PC fails		SLS-B14
B4	DF	AA61FZ	NA	NA	0.400	2.42%	0	2	NA	2500, 1923, 1479, 1138, 875, 673, 518, 398	1.3	NO	no points between 0 - 50%		SLS-B15
ECBC															
AA61MJ-A1	RF	AA61MJ	NA	NA	0.443	6.04%	0	3	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-16
AA61MJ-B1	DF	AA61MJ	NA	NA	0.709	5.19%	0	8	NA	3000, 2479, 2049, 1693, 1400, 1157, 956, 790	1.21	NO	no points between 0 - 50%	no toxicity detected; need larger conc; dilut. factor 1.21	SLS-P44
AA61MJ-B2	DF	AA61MJ	NA	NA	0.512	2.61%	0	7	NA	3500, 2893, 2391, 1976, 1633, 1349, 1115, 922	1.21	NO	no points between 0 - 50%	no toxicity was detected	SLS-P72
AA61MJ-B3	DF	AA61MJ	NA	NA	0.375	14.56%	0	0	NA	3500, 2893, 2391, 1976, 1633, 1349, 1115, 922	1.21	NO	no points between 0 - 100%	no toxicity was detected	SLS-P74
FRAME															
FAL.3T3.RG.A1.21.10.04	RF	AA61RG	NA	NA	0.203	7.09%	0	0	NA	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; no points between 0-100%		FAL.3T3.SLS.21.10.04
FAL.3T3.RG.B1.04.11.04	DF	AA61RG	NA	NA	0.175	6.75%	0	0	NA	2500, 1701, 1157, 787, 535, 264, 248, 169	1.47	NO	no points between 0-100%		FAL.3T3.SLS.04.11.04
FAL.3T3.RG.B2.25.11.04	DF	AA61RG	NA	329085	0.258	0.36%	0	0	-1.2340	2500, 2066, 1708, 1411, 1166, 964, 797, 658	1.21	NO	no points between 0-100%		FAL.3T3.SLS.25.11.04
FAL.3T3.RG.B3.26.11.04	DF	AA61RG	NA	NA	0.263	5.11%	0	0	NA	2500, 2066, 1708, 1411, 1166, 964, 797, 658	1.21	NO	no points between 0-100%	no toxicity detected; 1.21 dilut. factor doesn't affect acceptability; outlier removed bySD	FAL.3T3.SLS.26.11.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
NICOTINE															
IIVS															
A1	RF	AA61HL	339	2.089	0.457	7.49%	0	5	0.9490	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A4
B1	DF	AA61HL	422	2.600	0.539	5.98%	1	2	0.9929	1000, 714, 510, 364, 260, 186, 133, 94.9	1.4	YES			SLS-B4
B2	DF	AA61HL	508	3.133	0.392	3.15%	2	0	0.8900	1000, 714, 510, 364, 260, 186, 133, 94.9	1.4	NO	no points between 50 - 100%		SLS-B7
B3	DF	AA61HL	513	3.162	0.469	2.05%	2	1	0.9111	1000, 714, 510, 364, 260, 186, 133, 94.9	1.4	YES			SLS-B8
B4	DF	AA61HL	415	2.558	0.440	1.63%	3	2	0.9953	1000, 833, 694, 579, 482, 402, 335, 279	1.2	YES		plates read 15-16 hr late; orignial reading used wrong OD wavelength	SLS-B11
ECBC															
AA61NA-A1	RF	AA61NA	NA	NA	0.410	19.57%	0	5	NA	10000,1000, 100, 10, 1,0.1, 0.01, 0.001	10	RF	range finder		SLS-P49
AA61NA-B1	DF	AA61NA	NA	NA	0.532	3.40%	3	5	NA	500, 413, 342, 282, 233, 193, 159, 132	1.21	NO	PC fails		SLS-P53
AA61NA-B2 (sealer)	DF	AA61NA	292	1.803	0.603	4.02%	3	5	0.8541	500, 413, 342, 282, 233, 193, 159, 132	1.21	YES			SLS-P54
AA61NA-B3 (sealer)	DF	AA61NA	NA	NA	0.399	9.58%	4	4	NA	500, 413, 342, 282, 233, 193, 159, 132	1.21	NO	PC fails		SLS-P56
AA61NA-B4 (sealer)	DF	AA61NA	325	2.004	0.451	5.32%	3	5	0.7971	500, 413, 342, 282, 233, 193, 159, 132	1.21	YES			SLS-P58
AA61NA-B5 (sealer)	DF	AA61NA	199	1.227	0.536	5.08%	5	3	0.8836	500, 413, 342, 282, 233, 193, 159, 132	1.21	YES			SLS-P62
FRAME															
FAL.3T3.KL.A1.10.09.04	RF	AA61KL	582	3.589	0.402	9.59%	1	0	0.9633	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; no points between 50 - 100%		FAL.3T3.SLS.10.09.04
FAL.3T3.KL.B1.16.09.04	DF	AA61KL	460	2.838	0.375	1.07%	3	0	0.9720	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	NO	no points between 50 - 100%		FAL.3T3.SLS.16.09.04
FAL.3T3.KL.B2.23.09.04	DF	AA61KL	481	2.964	0.356	3.30%	4	2	0.9817	1000, 826, 683, 565, 467, 386, 319, 263	1.21	YES		outlier removed by SD	FAL.3T3.SLS.23.09.04
FAL.3T3.KL.B3.14.10.04	DF	AA61KL	499	3.076	0.359	4.34%	2	1	0.9323	1000, 826, 683, 565, 467, 386, 319, 263	1.21	YES			FAL.3T3.SLS.14.10.04
FAL.3T3.KL.B4.04.11.04	DF	AA61KL	255	1.574	0.227	6.96%	6	2	0.9486	750, 620, 512, 423, 350, 289, 239, 197	1.21	YES		outlier removed by SD	FAL.3T3.SLS.04.11.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
PARAQUAT															
IIVS															
A1	RF	AA61GD	14.1	0.055	0.454	0.61%	1	1	0.9683	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A2
B1	DF	AA61GD	7.91	0.031	0.491	0.08%	6	2	0.9744	86.8 ,54.3, 33.9, 21.2, 13.3, 8.28, 5.18, 3.24	1.6	YES			SLS-B4
B2	DF	AA61GD	22.7	0.088	0.386	6.81%	3	5	0.9777	100, 62.5, 39.1, 24.4, 15.3, 9.54, 5.96, 3.73	1.6	YES			SLS-B7
B3	DF	AA61GD	39.4	0.153	0.478	2.70%	2	6	0.9759	100, 62.5, 39.1, 24.4, 15.3, 9.54, 5.96, 3.73	1.6	YES			SLS-B8
ECBC															
AA61MP-A1	RF	AA61MP	11.9	0.046	0.345	1.23%	1	1	0.9870	10000,1000, 100, 10, 1,0.1, 0.01, 0.001	10	RF	range finder		SLS-P5
AA61MP-B1	DF	AA61MP	23.6	0.092	0.654	5.58%	2	5	0.9673	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P23
AA61MP-B2	DF	AA61MP	13.1	0.051	0.632	7.30%	3	5	0.9128	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P26
AA61MP-B3	DF	AA61MP	27.1	0.105	0.622	7.05%	2	5	0.9779	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P27
FRAME															
FAL.3T3.HP.A1.01/04/04	RF	AA61HP	62.4	0.243	0.396	1.11%	3	0	0.8909	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.3T3.SLS.01/04/04
FAL.3T3.HP.B1.29/04/04	DF	AA61HP	39.8	0.155	0.275	10.84%	1	0	0.8164	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	NO	no points between 50 - 100%	NR crystals; high background	FAL.3T3.SLS.29/04/04
FAL.3T3.HP.B2.07/05/04	DF	AA61HP	7.35	0.029	0.347	7.92%	4	2	0.9791	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			FAL.3T3.SLS.07/05/04
FAL.3T3.HP.B3.20/05/04	DF	AA61HP	40.2	0.156	0.360	0.93%	4	1	0.9192	100, 75.2, 56.5, 42.5, 32.0, 24.0, 18.1, 13.6	1.33	YES			FAL.3T3.SLS.20/05/04
FAL.3T3.HP.B4.27/05/04	DF	AA61HP	27.0	0.105	0.425	2.86%	4	4	0.9183	100, 75.2, 56.5, 42.5, 32.0, 24.0, 18.1, 13.6	1.33	YES		outlier removed by SD	FAL.3T3.SLS.27/05/04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
PARATHION															
IIVS															
A1	RF	AA61PS	50.6	0.174	0.402	5.64%	1	3	0.9458	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1-C3	SLS-A3
B1	DF	AA61PS	20.7	0.071	0.435	5.34%	3	3	0.8956	300, 167, 92.6, 51.4, 28.6, 15.9, 8.82, 4.90	1.8	YES		SD removed C1 & C2 from Hill function in PRISM due to upswing in response curve	SLS-B5
B2	DF	AA61PS	27.5	0.095	0.348	13.21%	5	3	0.9431	300, 167, 92.6, 51.4, 28.6, 15.9, 8.82, 4.90	1.8	YES		ppt in 2X C1-C4	SLS-B9
B3	DF	AA61PS	17.9	0.062	0.353	5.03%	3	3	0.9864	300, 167, 92.6, 51.4, 28.6, 15.9, 8.82, 4.90	1.8	YES		ppt in 2X C1-C4 & 1X C1-C2; SD removed C1 & C2 from Hill function in PRISM due to ppts & flat response curve	SLS-B10
ECBC															
AA61MD-A1	RF	AA61MD	NA	NA	0.329	7.11%	2	6	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; PC fails	ppt in 1X C1 & 2X C1-C2 (cloudy)	SLS-P50
AA61MD-B1	DF	AA61MD	18	0.062	0.648	8.54%	3	5	0.9126	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P55
AA61MD-B2	DF	AA61MD	13.6	0.047	0.418	10.70%	3	5	0.8929	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES		ppt in 2X C1	SLS-P57
AA61MD-B3	DF	AA61MD	36.4	0.125	0.321	10.09%	2	5	0.9559	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P59
FRAME															
FAL.3T3.KE.A1.28.05.04	RF	AA61KE	407	1.399	0.396	3.60%	1	4	0.9626	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 1X C1-C2	FAL.3T3.SLS.28.05.04
FAL.3T3.KE.B1.04.06.04	DF	AA61KE	51.9	0.178	0.330	7.50%	5	3	0.7298	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES		ppt in 2X C1-C4; ppt in 1X C1-C2	FAL.3T3.SLS.04.06.04
FAL.3T3.KE.B2.18.06.04	DF	AA61KE	NA	0.121	0.714	6.99%	3	0	0.8485	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	NO	no points between 50 - 100%	ppt in 2X C1-C2; tox.curve going in wrong direction; SD suggests ppt is cause of bad curve	FAL.3T3.SLS.18.06.04
FAL.3T3.KE.B3.09.07.04	DF	AA61KE	123	0.423	0.283	6.74%	2	6	0.9136	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES		ppt in 2X C1	FAL.3T3.SLS.09.07.04
FAL.3T3.KE.B4.16.07.04	DF	AA61KE	247	0.847	0.263	3.84%	2	3	0.8273	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES		ppt in 2X C1-C2; ppt in 1X C1-C2	FAL.3T3.SLS.16.07.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
PHENOBARBITAL															
IIVS															
A1	RF	AA61FG	77.4	0.333	0.283	14.30%	1	5	0.9228	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A5
B1	DF	AA61FG	813	3.500	0.359	8.28%	0	8	0.4992	200, 125, 78.1, 48.8, 30.5, 19.1, 11.9, 7.45	1.6	NO	no points between 0 - 50%		SLS-B6
B2	DF	AA61FG	379	1.633	0.342	1.76%	3	5	0.9762	1000, 714, 510, 364, 260, 186, 133, 94.9	1.4	YES		plates read 15-16 hr late; orignial reading used wrong OD wavelength	SLS-B11
B2 (should be B3)	DF	AA61FG	624	2.686	0.302	13.14%	2	6	0.8659	1000, 714, 510, 364, 260, 186, 133, 94.9	1.4	YES		outliers removed bySD	SLS-B13
B4	DF	AA61FG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NO	PC fails		SLS-B14
B5	DF	AA61FG	497	2.138	0.335	2.24%	3	5	0.9744	1000, 714, 510, 364, 260, 186, 133, 94.9	1.4	YES			SLS-B15
B6	DF	AA61FG	405	1.742	0.302	1.43%	3	5	0.9775	1000, 714, 510, 364, 260, 186, 133, 94.9	1.4	YES			SLS-B16
ECBC															
AA61KV-A1	RF	AA61KV	351	1.510	0.324	3.98%	1	2	0.9078	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P68
AA61KV-B1	DF	AA61KV	624	2.686	0.405	1.63%	3	5	0.9793	1500, 1020, 694, 472, 321, 219, 149, 101	1.47	YES			SLS-P70
AA61KV-B2	DF	AA61KV	505	2.173	0.412	8.99%	3	5	0.7926	1500, 1020, 694, 472, 321, 219, 149, 101	1.47	YES			SLS-P71
AA61KV-B3	DF	AA61KV	773	3.327	0.410	6.44%	2	6	0.9504	1500, 1020, 694, 472, 321, 219, 149, 101	1.47	YES			SLS-P72
FRAME															
FAL.3T3.NJ.A1.21.10.04	RF	AA61NJ	796	3.428	0.169	1.18%	1	0	0.5114	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; no points between 50-100%		FAL.3T3.SLS.21.10.04
FAL.3T3.NJ.B1.11.11.04	DF	AA61NJ	435	1.871	0.311	4.08%	4	4	0.8929	2000, 1361, 926, 630, 428, 291, 198,135	1.47	YES		ppt in 2X C1	FAL.3T3.SLS.10.11.04
FAL.3T3.NJ.B2.25.11.04	DF	AA61NJ	832	3.582	0.295	9.31%	2	2	0.8514	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES		ppt in 2X C1	FAL.3T3.SLS.25.11.04
FAL.3T3.NJ.B3.26.11.04	DF	AA61NJ	912	3.927	0.204	1.06%	2	2	0.9435	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES		ppt in 2X C1	FAL.3T3.SLS.26.11.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
PHENOL															
IIVS															
A1	RF	AA61PG	3.12	0.033	0.418	100.04%	2	4	0.9933	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder	VC1 ODs < VC2 ODs; VC1 removed from subsequent analysis; volatility issues.	SLS-A3
B1	DF	AA61PG	NA	NA	0.465	1.52%	0	3	0.5739	20.0, 12.5, 7.81, 4.88, 3.05, 1.91, 1.19, 0.745	1.6	NO	no points between 0 - 50%	plate sealer used	SLS-B4
B2	DF	AA61PG	54.8	0.583	0.422	2.43%	3	5	0.9767	200, 125, 78.1, 48.8, 30.5, 19.1, 11.9, 7.45	1.6	YES		plate sealer used	SLS-B6
B3	DF	AA61PG	33.6	0.357	0.392	34.71%	4	4	0.9925	200, 125, 78.1, 48.8, 30.5, 19.1, 11.9, 7.45	1.6	NO	% VC difference > 15	plates read 15-16 hr late; orignial reading used wrong OD wavelength; VC2 used to calculate viability; volatility problem	SLS-B11
B4	DF	AA61PG	65.9	0.700	0.337	1.73%	3	5	0.9669	200, 125, 78.1, 48.8, 30.5, 19.1, 11.9, 7.45	1.6	YES			SLS-B12
B5	DF	AA61PG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NO	PC fails		SLS-B14
B6	DF	AA61PG	53.6	0.569	0.411	3.44%	3	5	0.9775	200, 125, 78.1, 48.8, 30.5, 19.1, 11.9, 7.45	1.6	YES			SLS-B15
ECBC															
AA61FV-A1	RF	AA61FV	NA	NA	0.140	99.80%	4	0	NA	10000,1000, 100, 10, 1,0.1, 0.01, 0.001	10	RF	range finder	probable volatility problem; VC1 <<< VC2	SLS-11
AA61FV-A2 (sealer)	RF	AA61FV	56.0	0.595	0.430	3.64%	2	1	0.8997	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P45
AA61FV-B1(sealer)	DF	AA61FV	50.6	0.537	0.305	4.48%	4	4	0.9861	1000, 465, 216, 101, 46.8, 21.8, 10.1	2.15	YES			SLS-P47
AA61FV-B2 (sealer)	DF	AA61FV	NA	NA	0.280	0.51%	5	3	NA	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	NO	PC fails		SLS-P50
AA61FV-B3 (sealer)	DF	AA61FV	NA	NA	0.341	7.61%	4	4	NA	500, 233, 108, 50.3, 23.4, 10.9, 5.06, 2.35	2.15	NO	PC fails		SLS-P52
AA61FV-B4 (sealer)	DF	AA61FV	60.8	0.646	0.552	2.48%	3	3	0.9615	500, 233, 108, 50.3, 23.4, 10.9, 5.06, 2.35	2.15	YES			SLS-P54
AA61FV-B5 (sealer)	DF	AA61FV	NA	NA	0.354	3.58%	4	4	NA	500, 233, 108, 50.3, 23.4, 10.9, 5.06, 2.35	2.15	NO	PC fails		SLS-P56
AA61FV-B6 (sealer)	DF	AA61FV	39.1	0.415	0.416	4.85%	4	4	0.9808	500, 233, 108, 50.3, 23.4, 10.9, 5.06, 2.35	2.15	YES			SLS-P58
FRAME															
FAL.3T3.MS.A1.21.05.04	RF	AA61MS	10.4	0.110	0.176	99.85%	2	1	0.4657	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder	volatility problem	FAL.3T3.SLS.21.05.04
FAL.3T3.MS.B1.17/06/04	DF	AA61MS	NA	NA	0.387	40.08%	2	1	NA	1000, 317, 100, 31.7, 10.0, 3.2, 1.0, 0.3	3.16	NO	% VC difference > 15		FAL.3T3.SLS.17.06.04
FAL.3T3.MS.B2.24/06/04	DF	AA61MS	375	3.984	0.154	18.61%	1	4	0.9472	1000, 317, 100, 31.7, 10.0, 3.2, 1.0, 0.3	3.16	NO	% VC difference > 15	used plate sealer; volatility problem	FAL.3T3.SLS.24.06.04
FAL.3T3.MS.B3.08.07.04	DF	AA61MS	142	1.504	0.308	26.58%	4	1	0.9369	1500, 698, 325, 151, 70.2, 32.7, 15.2, 7.1	2.15	NO	% VC difference > 15		FAL.3T3.SLS.08.07.04
FAL.3T3.MS.B4.09.07.04	DF	AA61MS	37.8	0.401	0.301	25.71%	3	2	0.5823	1500, 698, 325, 151, 70.2, 32.7, 15.2, 7.1	2.15	NO	% VC difference > 15		FAL.3T3.SLS.09.07.04
FAL.3T3.MS.B5.16.07.04	DF	AA61MS	110	1.168	0.360	7.07%	3	2	0.9794	1500, 698, 325, 151, 70.2, 32.7, 15.2, 7.1	2.15	YES			FAL.3T3.SLS.16.07.04
FAL.3T3.MS.B6.17.09.04	DF	AA61MS	124	1.322	0.530	17.30%	3	2	0.9579	1500, 698, 325, 151, 70.2, 32.7, 15.2, 7.1	2.15	NO	% VC difference > 15	did not use plate sealer	FAL.3T3.SLS.17.09.04
FAL.3T3.MS.B7.23.09.04	DF	AA61MS	126	1.335	0.313	7.13%	3	2	0.9717	1500, 698, 325, 151, 70.2, 32.7, 15.2, 7.1	2.15	YES		outlier removed bySD	FAL.3T3.SLS.23.09.04
FAL.3T3.MS.B8.14.10.04	DF	AA61MS	116	1.231	0.234	27.97%	4	2	0.9535	1500, 698, 325, 151, 70.2, 32.7, 15.2, 7.1	2.15	NO	% VC difference > 15	volatility problem	FAL.3T3.SLS.14.10.04
FAL.3T3.MS.B9.21.10.04	DF	AA61MS	77.3	0.821	0.339	13.82%	4	3	0.9581	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	YES			FAL.3T3.SLS.21.10.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
PHENYLTHIOUREA															
IIVS															
A1	RF	AA61PV	49.4	0.325	0.369	1.67%	2	3	0.8971	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A3
B1	DF	AA61PV	113	0.741	0.446	4.65%	3	4	0.9548	300, 188, 117, 73.2, 45.8, 28.6, 17.9, 11.2	1.6	YES			SLS-B5
B2	DF	AA61PV	83.9	0.552	0.262	5.15%	6	2	0.9737	1000, 625, 391,244, 153, 95.4, 59.6, 37.3	1.6	YES			SLS-B13
B3	DF	AA61PV	NA	NA	NA	NA	NA	NA	NA	NA	NA	NO	PC fails		SLS-B14
B4	DF	AA61PV	70.0	0.460	0.335	8.85%	6	2	0.9580	1000, 625, 391,244, 153, 95.4, 59.6, 37.3	1.6	YES			SLS-B15
ECBC															
AA61LN-A1	RF	AA61LN	NA	#VALUE!	0.284	5.42%	2	6	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; PC fails		SLS-P51
AA61LN-B1	DF	AA61LN	NA	#VALUE!	0.350	14.50%	4	4	NA	500, 233, 108, 50.3, 23.4, 10.9, 5.06, 2.35	2.15	NO	PC fails		SLS-P53
AA61LN-B2	DF	AA61LN	48.6	0.320	0.613	11.02%	4	4	0.9747	500, 233, 108, 50.3, 23.4, 10.9, 5.06, 2.35	2.15	YES			SLS-P55
AA61LN-B3	DF	AA61LN	9.11	0.060	0.601	9.45%	5	3	0.9428	500, 233, 108, 50.3, 23.4, 10.9, 5.06, 2.35	2.15	YES			SLS-P57
AA61LN-B4	DF	AA61LN	32.7	0.215	0.374	8.69%	4	4	0.9730	500, 233, 108, 50.3, 23.4, 10.9, 5.06, 2.35	2.15	YES			SLS-P59
FRAME															
FAL.3T3.JB.A1.27/05/04	RF	AA61JB	34.0	0.223	0.302	7.47%	2	1	0.9382	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.3T3.SLS.27/05/04
FAL.3T3.JB.B1.04/06/04	DF	AA61JB	164	1.075	0.320	7.72%	3	5	0.8392	2500, 791, 250, 79.2, 25.1, 7.9, 2.5, 0.8	3.16	YES		ppt in 2X C1	FAL.3T3.SLS.04.06.04
FAL.3T3.JB.B2.18/06/04	DF	AA61JB	288	1.891	0.388	2.92%	2	3	0.9514	2500, 791, 250, 79.2, 25.1, 7.9, 2.5, 0.8	3.16	YES		ppt in 2X C1	FAL.3T3.SLS.18.06.04
FAL.3T3.JB.B3.08.07.04	DF	AA61JB	264	1.736	0.250	6.43%	2	6	0.8568	2500, 791, 250, 79.2, 25.1, 7.9, 2.5, 0.8	3.16	YES		ppt in 2X C1	FAL.3T3.SLS.08.07.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
PHYSOSTIGMINE															
IIVS															
A1	RF	AA61NF	673	2.444	0.262	11.85%	1	4	0.9016	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A5
B1	DF	AA61NF	75.9	0.275	0.517	10.55%	2	0	0.8901	1000, 714, 510, 364, 260, 186, 133, 94.9	1.4	NO	no points between 50 - 100%		SLS-B5
B2	DF	AA61NF	30.1	0.109	0.411	6.64%	2	4	0.9115	200, 125, 78.1, 48.8, 30.5, 19.1, 11.9, 7.45	1.6	YES			SLS-B6
B3	DF	AA61NF	19.8	0.072	0.338	7.64%	2	3	0.9406	200, 125, 78.1, 48.8, 30.5, 19.1, 11.9, 7.45	1.6	YES		outliers removed bySD	SLS-B13
B4	DF	AA61NF	NA	NA	NA	NA	NA	NA	NA	NA	NA	NO	PC fails		SLS-B14
B5	DF	AA61NF	16.0	0.058	0.350	0.98%	3	2	0.9600	200, 125, 78.1, 48.8, 30.5, 19.1, 11.9, 7.45	1.6	YES			SLS-B15
B6	DF	AA61NF	15.8	0.057	0.365	1.30%	4	2	0.9575	200, 125, 78.1, 48.8, 30.5, 19.1, 11.9, 7.45	1.6	YES			SLS-B16
ECBC															
AA61FT-A1	RF	AA61FT	NA	NA	0.281	7.43%	2	4	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; PC fails		SLS-P51
AA61FT-B1	DF	AA61FT	42.8	0.155	0.678	8.75%	2	6	0.9263	80.0, 54.4, 37.0, 25.2, 17.1, 11.7, 7.93, 5.39	1.47	YES			SLS-P55
AA61FT-B2	DF	AA61FT	13.0	0.047	0.592	9.27%	5	3	0.8332	80.0, 54.4, 37.0, 25.2, 17.1, 11.7, 7.93, 5.39	1.47	YES			SLS-P57
AA61FT-B3	DF	AA61FT	28.8	0.105	0.354	8.67%	5	3	0.9265	80.0, 54.4, 37.0, 25.2, 17.1, 11.7, 7.93, 5.39	1.47	YES			SLS-P59
FRAME															
FAL.3T3.GT.A1.21.10.04	RF	AA61GT	34.4	0.125	0.217	3.30%	1	0	0.9835	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; no points between 50-100%		FAL.3T3.SLS.21.10.04
FAL.3T3.GT.B1.25.11.04	DF	AA61GT	38.2	0.139	0.344	4.78%	4	2	0.9738	100, 75.2, 56.5, 42.5, 32.0, 24.0, 18.1, 13.6	1.33	YES		ppt in 2X C1-C2;	FAL.3T3.SLS.25.11.04
FAL.3T3.GT.B2.26.11.04	DF	AA61GT	35.7	0.130	0.167	1.60%	4	3	0.6701	100, 75.2, 56.5, 42.5, 32.0, 24.0, 18.1, 13.6	1.33	YES		ppt in 2X C1-C2;	FAL.3T3.SLS.26.11.04
FAL.3T3.GT.B3.02.12.04	DF	AA61GT	77.1	0.280	0.179	5.82%	0	1	0.2009	100, 75.2, 56.5, 42.5, 32.0, 24.0, 18.1, 13.6	1.33	NO	no points between 0-50%	most values above 125%	FAL.3T3.SLS.02.12.04 (RB)
FAL.3T3.GT.B4.09.12.04	DF	AA61GT	39.5	0.144	0.286	6.43%	2	2	0.9799	100, 75.2, 56.5, 42.5, 32.0, 24.0, 18.1, 13.6	1.33	YES			FAL.3T3.SLS.09.12.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
POTASSIUM I CHLORIDE															
IIVS															
A1	RF	AA61FF	611	8.196	0.457	25.09%	1	1	0.8205	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF			SLS-A1
B1	DF	AA61FF	4150	55.667	0.394	5.13%	2	6	0.9627	10000, 5556, 3086, 1715, 953, 529, 294, 163	1.8	YES			SLS-B1
B2	DF	AA61FF	3660	49.095	0.536	1.54%	2	5	0.9837	10000, 6667, 4444, 2963, 1975, 1317, 878, 585	1.5	YES			SLS-B2
B3	DF	AA61FF	3230	43.327	0.561	1.06%	2	5	0.9387	10000, 6667, 4444, 2963, 1975, 1317, 878, 585	1.5	NO	PC fails		SLS-B3
B4	DF	AA61FF	3320	44.534	0.442	4.82%	2	4	0.9856	10000, 6667, 4444, 2963, 1975, 1317, 878, 585	1.5	YES			SLS-B4
ECBC															
AA61KM-A1	RF	AA61KM	2160	28.974	0.424	3.92%	0	0	0.8877	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	no points between 10 - 90%; range finder		SLS-P1
AA61KM-B1	DF	AA61KM	3140	42.119	0.607	0.88%	1	4	0.8821	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES			SLS-P6
AA61KM-B2	DF	AA61KM	4060	54.460	0.552	4.78%	1	1	0.9805	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES			SLS-P8
AA61KM-B3	DF	AA61KM	3160	42.388	0.526	0.98%	1	3	0.9435	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES			SLS-P10
AA61KM-B4	DF	AA61KM	3080	41.315	0.676	1.49%	1	4	0.9563	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES			SLS-P13
FRAME															
FAL.3T3.A1.MY.200603	RF	AA61MY	1290	17.304	0.745	1.93%	0	1	0.9580	10000,1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	no points between 10 - 50%; range finder		FAL.3T3.SLS2.A1.200603
FAL.3T3.MY.A2.27.06.03	RF	AA61MY	9440	126.626	0.511	2.94%	0	2	0.7401	6000, 4080, 2780, 1890, 1280, 874, 595, 405	1.47	NO	no points between 10 - 50%; low r2; range finder		FAL.3T3.SLS.A2.27.06.03
FAL.3T3.MY.B1.04.07.03	DF	AA61MY	4470	59.960	0.551	2.97%	0	4	0.9514	20000, 13600, 9260, 6300, 4280, 2910, 1980, 1350	1.47	NO	PC fails; no points between 10 - 50%		FAL.3T3.SLS.04.07.03
FAL.3T3.B2.MY.11.07.03	DF	AA61MY	4350	58.350	0.583	0.25%	1	4	0.9622	15000, 10204, 6942, 4722, 3212, 2185, 1487, 1011	1.47	YES			FAL.3T3.SLS.11.07.03
FAL.3T3.B3.MY.18.07.03	DF	AA61MY	4760	63.850	0.499	0.50%	2	2	0.9202	15000, 10204, 6942, 4722, 3212, 2185, 1487, 1011	1.47	YES			FAL.3T3.SLS.18.07.03
FAL.3T3.B4.MY.25.07.03	DF	AA61MY	4740	63.581	0.478	6.48%	1	2	0.9631	10000, 7519, 5633, 4251, 3196, 2403, 1807, 1350	1.33	YES			FAL.3T3.SLS.25.07.03
FAL.3T3.B5.MY.070803	DF	AA61MY	3440	46.144	1.263	6.60	3	5	0.9364	10000, 6802, 4627, 3148, 2141, 1456, 991, 674	1.47	NO	PC fails		FAL.3T3.SLS.070803
FAL.3T3.B6.MY.080803	DF	AA61MY	1160	15.560	0.432	11.91	5	2	0.6458	10000, 6802, 4627, 3148, 2141, 1456, 991, 674	1.47	NO	PC fails; low r2		FAL.3T3.SLS.080803
FAL.3T3.MY.B7.120903	DF	AA61MY	1920	25.755	0.629	1.58	4	2	0.9144	10000, 7519, 5633, 4251, 3196, 2403, 1807, 1358	1.33	YES			FAL.3T3.SLS.120903
FAL.3T3.MY.B8.180903	DF	AA61MY	3450	46.278	0.367	6.74	3	5	0.8706	10000, 7519, 5633, 4251, 3196, 2403, 1807, 1358	1.33	YES			FAL.3T3.SLS.180903

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
POTASSIUM CYANIDE															
IIVS															
A1	RF	AA61KW	25.5	0.392	0.116	99.22%	1	5	0.9238	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder	VC1 ODs < VC2 ODs;VC1 removed from subsequent analysis; volatility issues.	SLS-A5
B1	DF	AA61KW	19.8	0.304	0.403	7.47%	3	3	0.9494	100, 66.7, 44.4, 29.6, 19.8, 13.2, 8.78, 5.85	1.5	YES		plate sealer used	SLS-B4
B2	DF	AA61KW	18.9	0.291	0.366	0.25%	5	3	0.9756	100, 66.7, 44.4, 29.6, 19.8, 13.2, 8.78, 5.85	1.5	YES			SLS-B7
B3	DF	AA61KW	17.9	0.275	0.408	5.75%	5	3	0.9767	100, 66.7, 44.4, 29.6, 19.8, 13.2, 8.78, 5.85	1.5	YES			SLS-B8
ECBC															
AA61MN-A1	RF	AA61MN	421	6.461	0.085	0.69%	1	6	0.9516	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder	ppt in 1X C1	SLS-P49
AA61MN-B1 (sealer)	DF	AA61MN	NA	NA	0.125	6.06%	7	0	NA	1500, 1020, 694, 472, 321, 219, 149, 101	1.47	NO	no points between 50-100%; PC fails	ppt in 1X C1-C5	SLS-P52
AA61MN-B2 (sealer)	DF	AA61MN	NA	NA	0.434	3.69%	0	8	NA	200, 136, 92.6, 63.0, 42.8, 29.1, 19.8, 13.5	1.47	NO	no points between 0 - 50%		SLS-P62
AA61MN-B3 (sealer)	DF	AA61MN	19.6	0.301	0.325	1.90%	3	5	0.9619	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P64
AA61MN-B4 (sealer)	DF	AA61MN	13.9	0.213	0.435	9.17%	3	5	0.9485	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES		ppt in 2X C1-C2; ppt in 1X C1-C5	SLS-P66
AA61MN-B5 (sealer)	DF	AA61MN	12.5	0.192	0.446	0.73%	3	5	0.8689	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P68
FRAME															
FAL.3T3.GP.A1.21.10.04	RF	AA61GP	153	2.357	0.029	97.12%	0	0	0.9807	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	range finder; no points between 0-100%	ppt in 1X C1	FAL.3T3.SLS.21.10.04
FAL.3T3.GP.B1.11.11.04	DF	AA61GP	219	3.360	0.203	10.87%	8	0	0.8961	1000, 826, 683, 565, 467, 386, 319, 263	1.21	NO	no points between 50-100%	ppt in 1X C1-C8; viability not above 50% for any conc	FAL.3T3.SLS.10.11.04
FAL.3T3.GP.B2.26.11.04	DF	AA61GP	253	3.884	0.184	5.76%	2	6	0.3284	500, 413, 342,282, 233,193,159, 132	1.21	YES			FAL.3T3.SLS.26.11.04
FAL.3T3.GP.B3.09.12.04	DF	AA61GP	172	2.638	0.195	22.57%	6	1	0.6436	500, 413, 342,282, 233,193,159, 132	1.21	NO	% VC difference >15		FAL.3T3.SLS.09.12.04
FAL.3T3.GP.B4.10.12.04	DF	AA61GP	106	1.634	0.236	5.84%	4	2	0.5610	500, 376, 283, 213, 160, 120, 90.3, 67.9	1.33	YES			FAL.3T3.SLS.10.12.04
FAL.3T3.GP.B5.15.12.04	DF	AA61GP	117	1.804	0.126	2.18%	4	4	0.6827	500, 376, 283, 213, 160, 120, 90.3, 67.9	1.33	YES			FAL.3T3.SLS.15.12.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
PROCAINAMIDE HCL															
IIVS															
A1	RF	AA61ML	406	1.492	0.421	5.01%	0	1	0.9614	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A4
B1	DF	AA61ML	453	1.666	0.485	3.11%	1	1	0.9213	1000, 714, 510, 364, 260, 186, 133, 94.9	1.4	YES			SLS-B4
B2	DF	AA61ML	485	1.786	0.400	0.77%	1	0	0.8992	1000, 714, 510, 364, 260, 186, 133, 94.9	1.4	NO	no points between 50-100%	outliers removed bySD	SLS-B7
B3	DF	AA61ML	528	1.944	0.453	4.01%	1	1	0.8702	1000, 714, 510, 364, 260, 186, 133, 94.9	1.4	YES			SLS-B8
B4	DF	AA61ML	511	1.878	0.457	3.83%	3	1	0.9248	1000, 833, 694, 579, 482, 402, 335, 279	1.2	YES		plates read 15-16 hr late; orignial reading used wrong OD wavelength	SLS-B11
ECBC															
AA61KC-A1	RF	AA61KC	363	1.336	0.365	3.67%	0	1	0.9503	10000,1000, 100, 10, 1,0.1, 0.01, 0.001	10	RF	range finder		SLS-P13
AA61KC-B1	DF	AA61KC	406	1.495	0.499	11.41%	3	3	0.9929	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	YES			SLS-P37
AA61KC-B2	DF	AA61KC	412	1.516	0.392	0.00%	4	1	0.9682	800, 661, 546, 452, 373, 308, 255, 211	1.21	YES			SLS-P40
AA61KC-B3	DF	AA61KC	383	1.409	0.528	4.19%	3	1	0.9813	800, 661, 546, 452, 373, 308, 255, 211	1.21	YES			SLS-P41
FRAME															
FAL.3T3.GV.A1.10.09.04	RF	AA61GV	550	2.022	0.582	11.63%	2	0	0.8758	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; no points between 50 - 100%		FAL.3T3.SLS.10.09.04
FAL.3T3.GV.B1.16.09.04	DF	AA61GV	423	1.555	0.367	5.86%	4	0	0.8061	1000, 752, 565, 425, 320, 240, 181, 136	1.33	NO	no points between 50 - 100%	outlier removed by SD	FAL.3T3.SLS.16.09.04
FAL.3T3.GV.B2.23.09.04	DF	AA61GV	433	1.591	0.405	3.52%	1	1	0.4667	500, 413, 342, 282, 233, 193, 159, 132	1.21	YES			FAL.3T3.SLS.23.09.04
FAL.3T3.GV.B3.14.10.04	DF	AA61GV	426	1.566	0.340	7.26%	3	1	0.5102	750, 620, 512, 423, 350, 289, 239, 197	1.21	YES		C5-C8 show % viabilities >144%; outlier removed bySD	FAL.3T3.SLS.14.10.04
FAL.3T3.GV.B4.04.11.04	DF	AA61GV	435	1.599	0.238	1.58%	3	1	0.4580	750, 620, 512, 423, 350, 289, 239, 197	1.21	YES		4 concentrations with values >150%	FAL.3T3.SLS.04.11.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
2-PROPANOL															
IIVS															
A1	RF	AA61GC	NA	NA	0.486	1.76%	0	8	NA	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A1
A1 with plate cover	RF	AA61GC	4380	72.879	0.421	6.01%	1	6	0.8257	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A1
B1	DF	AA61GC	11000	183.028	0.082	89.61%	3	1	0.8759	100000, 62500, 39063, 24414, 15259, 9537, 5960, 3725	1.6	NO	% VC difference > 15		SLS-B1
B1 with plate cover	DF	AA61GC	6280	104.493	0.216	15.53%	4	1	0.9691	100000, 62500, 39063, 24414, 15259, 9537, 5960, 3725	1.6	NO	% VC difference > 15		SLS-B1
B2	DF	AA61GC	9620	160.067	0.098	87.70%	3	1	0.9420	100000, 62500, 39063, 24414, 15259, 9537, 5960, 3725	1.6	NO	% VC difference > 15		SLS-B2
B2 with plate cover	DF	AA61GC	3160	52.579	0.404	2.68%	5	0	0.9710	100000, 62500, 39063, 24414, 15259, 9537, 5960, 3725	1.6	NO	no points between 50 - 99.9%		SLS-B2
B3	DF	AA61GC	11200	186.356	0.223	61.18%	4	2	0.8927	50000, 33333, 22222, 14815, 9877, 6584, 4390, 2926	1.5	NO	% VC difference > 15; PC fails		SLS-B3
B3 with plate cover	DF	AA61GC	4280	71.215	0.525	6.06%	5	1	0.9764	50000, 33333, 22222, 14815, 9877, 6584, 4390, 2926	1.5	NO	PC fails		SLS-B3
B4	DF	AA61GC	16600	276.206	0.230	22.95%	0	6	0.6865	20500, 14643, 10459, 7471, 5336, 3812, 2723, 1945	1.4	NO	% VC difference > 15; no points between 0.1 - 50%; low r2		SLS-B4
B4 with plate cover	DF	AA61GC	4690	78.037	0.418	15.64%	4	3	0.9516	20500, 14643, 10459, 7471, 5336, 3812, 2723, 1945	1.4	NO	% VC difference > 15		SLS-B4
B5 with plate cover	DF	AA61GC	3940	65.557	0.432	3.99%	5	3	0.9607	20000, 14286, 10204, 7289, 5206, 3719, 2656, 1897	1.4	YES			SLS-B5
B6 with plate cover	DF	AA61GC	4260	70.882	0.344	2.04%	5	3	0.9911	20000, 14286, 10204, 7289, 5206, 3719, 2656, 1897	1.4	YES			SLS-B6
B7 with plate cover	DF	AA61GC	5860	97.504	0.344	9.77%	4	4	0.6186	20000, 14286, 10204, 7289, 5206, 3719, 2656, 1897	1.4	NO	low r2; study director also rejected due to excessive well to well variability		SLS-B7
B8 with plate cover	DF	AA61GC	4130	68.719	0.452	0.86%	5	3	0.9399	20000, 14286, 10204, 7289, 5206, 3719, 2656, 1897	1.4	YES			SLS-B8
B8 with DYNEX plate cover - for research only	DF	AA61GC	3210	53.411	0.347	1.34%	6	2	0.9369	20000, 14286, 10204, 7289, 5206, 3719, 2656, 1897	1.4	NO	for research; gives lower OD values than the EXCEL plate sealers		SLS-B8
ECBC															
AA61JL-A1	RF	AA61JL	NA	NA	0.405	7.48%	0	0	NA	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	no points between 10 - 90; range finder	high volatility	SLS-P1
AA61JL-A2	RF	AA61JL	NA	NA	0.19	62.97%	1	2	NA	100000, 10000, 1000, 100, 10, 1.0, 0.1, 0.01	10	RF	% VC difference > 15; range finder	high volatility	SLS-P3
AA61JL-B1	DF	AA61JL	NA	NA	0.133	75.92%	3	2	NA	50000, 34014, 23139, 15740, 10707, 7284, 4955, 3370	1.47	NO	PC fails; % VC difference > 15	high volatility	SLS-P9
AA61JL-B2	DF	AA61JL	NA	NA	0.119	75.18%	4	1	NA	50000, 34014, 23139, 15740, 10707, 7284, 4955, 3370	1.47	NO	PC fails; % VC difference > 15	high volatility	SLS-P11
AA61JL-B3 sealer	DF	AA61JL	NA	NA	0.256	30.03	4	1	NA	50000, 34014, 23139, 15740, 10707, 7284, 4955, 3370	1.47	NO	% VC difference > 15	high volatility	SLS-P17

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
AA61JL-B4 sealer	DF	AA61JL	NA	NA	0.446	19.53	7	1	NA	34014, 23139, 15740, 10707, 7284, 4955, 3370, 2293	1.47	NO	% VC difference > 15	high volatility	SLS-P19
AA61JL-B6	DF	AA61JL	NA	NA	0.204	46.32	0	4	NA	20000, 13605, 9255, 6296, 4283, 2914, 1982, 1348	1.47	NO	% VC difference > 15; no points between 0 -50 %		SLS-P20
AA61JL-B5 sealer	DF	AA61JL	NA	NA	0.117	67.16	5	2	NA	20000, 13605, 9255, 6296, 4283, 2914, 1982, 1348	1.47	NO	% VC difference > 15		SLS-P20
AA61JL-B7 sealer	DF	AA61JL	NA	NA	0.475	15.59	5	3	NA	20000, 13605, 9255, 6296, 4283, 2914, 1982, 1348	1.47	NO	% VC difference > 15: no r2		SLS-P21
AA61JL-B8 sealer	DF	AA61JL	NA	NA	0.373	31.51	5	2	NA	20000, 13605, 9255, 6296, 4283, 2914, 1982, 1348	1.47	NO	% VC difference > 15		SLS-P21
AA61JL-B9 sealer	DF	AA61JL	2440	40.599	0.324	0.26	5	3	0.9415	15000, 10204, 6942, 4722, 3212, 2185, 1487, 1011	1.47	YES			SLS-P22
AA61JL-B10 sealer	DF	AA61JL	2780	46.256	0.214	11.21	5	3	0.9572	15000, 10204, 6942, 4722, 3212, 2185, 1487, 1011	1.47	YES			SLS-P23
AA61JL-B11 sealer	DF	AA61JL	2710	45.092	0.171	16.20	5	3	0.9661	15000, 10204, 6942, 4722, 3212, 2185, 1487, 1011	1.47	NO	% VC difference > 15		SLS-P24
FRAME															
A1NG190603	RF	AA61NG	> 10,000	NA	0.965	0.22%	0	8	0.0127	10000,1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	PC fails; no points between 10 -50%; low r2; range finder		A1SLS190603
F_L.3T3.NG.A2.26.06.03	RF	AA61NG	11700	194.676	0.251	42.34%	0	2	0.7469	100000,10000,1000, 100, 10, 1.0, 0.1, 0.01	10	RF	VC difference greater than 15%; no points between 10 - 50; r2 too low; range finder		FAL.3T3.SLS.A2.26.06.03
FAL.3T3.NG.B1.03.07.03	DF	AA61NG	92500	1539.101	0.404	12.52%	0	2	0.5706	50000, 23256, 10817, 3031, 2340, 1088, 506, 235	2.15	NO	no points between 10 - 50; r2 too low		FAL.3T3.SLS.B1.03.07.03
FAL.3T3.B2.NG.10.07.03	DF	AA61NG	NA	NA	0.157	56.97%	NA	NA	NA	100000, 68027, 46277, 31481, 21416, 14568, 9911, 6742	1.47	NO	% VC difference > 15; range finder	high volatility	FAL.3T3.SLS.10.07.03
FAL.3T3.NG.B3.120903	DF	AA61NG	34900	580.699	0.251	42.34	0	2	0.7468	50000, 34014, 23139, 15741, 10708, 7284, 4955, 3371	1.47	NO	No points between 0 & 50%viability; low r2; %VC difference > 15		FAL.3T3.SLS.120903
FAL.3T3.NG.B5.180903 plate sealer	DF	AA61NG	3900	64.892	0.417	3.46	4	1	0.9517	50000, 34014, 23139, 15741, 10708, 7284, 4955, 3371	1.47	YES			FAL.3T3.SLS.180903
FAL.3T3.NG.B5.180903 mineral oil	DF	AA61NG	5940	98.835	0.366	8.45	5	2	0.9380	50000, 34014, 23139, 15741, 10708, 7284, 4955, 3371	1.47	NO	Mineral oil		FAL.3T3.SLS.180903
FAL.3T3.NG.B6.190903 plate sealer	DF	AA61NG	4570	76.040	0.258	17.26	5	1	0.8993	50000, 34014, 23139, 15741, 10708, 7284, 4955, 3371	1.47	NO	%VC difference > 15		FAL.3T3.SLS.190903
FAL.3T3.NG.B6.190903 mineral oil	DF	AA61NG	4740	78.869	0.384	7.46	5	2	0.9301	50000, 34014, 23139, 15741, 10708, 7284, 4955, 3371	1.47	NO	Mineral oil		FAL.3T3.SLS.190903
FAL.3T3.NG.B7.25.09.03 plate sealer	DF	AA61NG	4130	68.719	0.347	10.58	3	4	0.9244	20000, 13605, 9255, 6296, 4283, 2914, 1982, 1348	1.47	YES			FAL.3T3.SLS.250903
FAL.3T3.NG.B8.25.09.03 mineral oil	DF	AA61NG	4220	70.216	0.361	7.83	4	4	0.9513	20000, 13605, 9255, 6296, 4283, 2914, 1982, 1348	1.47	NO	Mineral oil		FAL.3T3.SLS.250903
FAL.3T3.NG.B8-03-10-03 plate sealer	DF	AA61NG	3880	64.559	0.510	2.39	5	3	0.9519	20000, 13605, 9255, 6296, 4283, 2914, 1982, 1348	1.47	YES			FAL.3T3.SLS.031003

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
PROPRANOLOL															
IIVS															
A1 Preliminary	RF	AA61GU	19.3	0.065	0.320	5.15%	0	1	0.9764	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A1
B1	DF	AA61GU	21.1	0.071	0.384	7.68%	1	1	0.9906	1000, 559.5, 313.0, 175.0, 98.0, 54.5, 30.6, 17.0 [IIVS retested; used wrong dilution scheme]	1.79	YES			SLS-B1
B2	DF	AA61GU	19.7	0.067	0.386	4.75%	0	1	0.9834	100, 56.2, 31.6, 17.8, 10.0, 5.63, 3.16, 1.78	1.78	NO	No points between 10 and 50%		SLS-B2
B3	DF	AA61GU	13.6	0.046	0.484	4.31%	1	4	0.9443	100, 56.2, 31.6, 17.8, 10.0, 5.63, 3.16, 1.78	1.78	YES			SLS-B3
B4	DF	AA61GU	18.3	0.062	0.444	0.43%	1	3	0.9816	100, 56.2, 31.6, 17.8, 10.0, 5.63, 3.16, 1.78	1.78	NO	PC failed		SLS-B4
B5	DF	AA61GU	18.2	0.062	0.319	0.94%	1	2	0.9927	100, 56.2, 31.6, 17.8, 10.0, 5.63, 3.16, 1.78	1.78	YES			SLS-B5
ECBC															
ECBC-3T3-Ib-01 AA61KH-A1	RF	AA61KH	17.5	0.059	0.279	6.15%	0	1	0.8598	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P1
ECBC-3T3-Ib-02 AA61KH-B1	DF	AA61KH	11.4	0.039	0.204	1.02%	2	2	0.9384	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	NO	PC failed		SLS-P3
ECBC-3T3-Ib-03 AA61KH-B2	DF	AA61KH	16.2	0.055	0.249	4.55%	1	2	0.9601	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	NO	PC failed		SLS-P4
ECBC-3T3-Ib-04 AA61KH-B3	DF	AA61KH	12.2	0.041	0.476	16.18%	2	4	0.8629	50, 34, 23.1, 15.7, 10.7, 7.3, 5.0, 3.4	1.47	NO	VC difference > 15%		SLS-P5
ECBC-3T3-Ib-05 AA61KH-B4	DF	AA61KH	11.3	0.038	0.297	4.17%	2	4	0.9493	50, 34, 23.1, 15.7, 10.7, 7.3, 5.0, 3.4	1.47	YES			SLS-P7
ECBC-3T3-Ib-06 AA61KH-B5	DF	AA61KH	8.90	0.030	0.474	9.70%	2	3	0.8932	50, 34, 23.1, 15.7, 10.7, 7.3, 5.0, 3.4	1.47	YES			SLS-P9
ECBC-3T3-Ib-07 AA61KH-B6	DF	AA61KH	18.7	0.063	0.306	3.70%	2	2	0.9475	50, 34, 23.1, 15.7, 10.7, 7.3, 5.0, 3.4	1.47	YES			SLS-P12
ECBC-3T3-Ib-08 AA61KH-B7	DF	AA61KH	15.6	0.053	0.311	11.73%	2	2	0.9549	50, 34, 23.1, 15.7, 10.7, 7.3, 5.0, 3.4	1.47	YES			SLS-P13
FRAME															
A1 1b3T3RF01FALNM	RF	AA61NM	57.7	0.195	0.413	12.84%	0	0	0.9454	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		1b3T3CRTFALSLS 12/4/02
A2 1b3T3RF02FALNM	RF	AA61NM	0.022	0.000	0.479	8.47%	1	3	0.9694	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		1b3T3CRTFALSLS 12/10/02
1b3T3DF02FALNM	DF	AA61NM	19.8	0.067	0.350	6.58%	1	3	0.8123	35, 23.81, 16.20, 11.02, 7.50, 5.10, 3.47, 2.36	1.47	NO	PC failed		1b3T3CRTFALSLS 12/17/02
1b3T3DF02FALNM	DF	AA61NM	23.1	0.078	0.477	10.31%	1	1	0.8691	35, 23.81, 16.20, 11.02, 7.50, 5.10, 3.47, 2.36	1.47	YES		NR crystals in plate	1b3T3CRTFALSLS 1/7/03
1b3T3DF02FALNM	DF	AA61NM	23.9	0.081	0.220	13.61%	0	2	0.8821	35, 23.81, 16.20, 11.02, 7.50, 5.10, 3.47, 2.36	1.47	NO	NR crystals in plate; stopped after 1 h; no point between 10 & 50% viability; PC failed		1b3T3CRTFALSLS 1/8/03
1b3T3DF05FALNM	DF	AA61NM	13.8	0.047	0.449	8.47%	1	3	0.9401	35.000, 23.810, 16.197, 11.018, 7.495, 5.099, 3.469, 2.360	1.47	YES			1b3T3CRTFALSLS 1/14/03
1b3T3DF06FALNM	DF	AA61NM	33.3	0.113	0.300	11.67%	1	2	0.8052	35, 23.81, 16.20, 11.02, 7.50, 5.10, 3.47, 2.36	1.47	NO	PC failed		1b3T3CRTFALSLS 1/15/03
1b3T3DF07FALNM	DF	AA61NM	8.80	0.030	0.538	9.69%	1	5	0.9020	35, 23.81, 16.20, 11.02, 7.50, 5.10, 3.47, 2.36	1.47	YES			1b3T3CRTFALSLS 1/21/03
1b3T3DF08FALNM A2650	DF	AA61NM	15.2	0.051	0.223	5.91%	1	4	0.8979	35, 23.81, 16.20, 11.02, 7.50, 5.10, 3.47, 2.36	1.47	NO	NR crystals in plate; stopped after 1 h; PC failed		1b3T3CRTFALSLS 1/28/03
1b3T3DF09FALNM	DF	AA61NM	22.2	0.075	0.582	4.98%	1	0	0.9438	35.000, 23.810, 16.197, 11.018, 7.495, 5.099, 3.469, 2.360	1.47	NO	No points between 50 & 90% viability		1b3T3CRTFALSLS 2/4/03

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
1b3T3DF10FALNM	DF	AA61NM	8.36	0.028	0.426	12.59%	4	3	0.8917	35.000, 23.810, 16.197, 11.018, 7.495, 5.099, 3.469, 2.360	1.47	YES			1b3T3CRTFALSLS 2/5/03
1b3T3DF11FALNM	DF	AA61NM	18.5	0.063	0.227	13.72%	1	4	0.6461	35, 23.81, 16.20, 11.02, 7.50, 5.10, 3.47, 2.36	1.47	NO	r2< 0.8	Nonmonotonic curve.	1b3T3CRTFALSLS 2/26/03

PROPYLPARABEN

IIVS															
A1	RF	AA61PX	19.4	0.108	0.451	0.06%	1	2	0.9659	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1	SLS-A2
B1	DF	AA61PX	19.2	0.106	0.445	3.97%	3	4	0.9395	100, 62.5, 39.1, 24.4, 15.3, 9.54, 5.96, 3.73	1.6	YES		C8 removed from PRISM by SD due to the upswing of the response curve at that conc.	SLS-B5
B2	DF	AA61PX	17.0	0.094	0.354	9.68%	4	4	0.9707	100, 62.5, 39.1, 24.4, 15.3, 9.54, 5.96, 3.73	1.6	YES			SLS-B9
B3	DF	AA61PX	15.0	0.083	0.368	7.51%	4	4	0.9675	100, 62.5, 39.1, 24.4, 15.3, 9.54, 5.96, 3.73	1.6	YES			SLS-B10
ECBC															
AA61PK-A1	RF	AA61PK	22.9	0.127	0.231	2.13%	1	2	0.9271	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1	SLS-P7
AA61PK-B1	DF	AA61PK	18.2	0.101	0.561	6.97%	4	4	0.9538	215, 100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01	2.15	YES			SLS-P26
AA61PK-B2	DF	AA61PK	19.8	0.110	0.543	6.49%	4	4	0.9827	215, 100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01	2.15	YES			SLS-P28
AA61PK-B3	DF	AA61PK	21.8	0.121	0.367	17.33%	3	5	0.9431	215, 100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01	2.15	NO	% VC difference > 15		SLS-P30
AA61PK-B4	DF	AA61PK	24.6	0.137	0.341	7.63%	2	5	0.9812	215, 100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01	2.15	YES			SLS-P32
FRAME															
FAL.3T3.HT.A1.01/04/04	RF	AA61HT	73.5	0.408	0.229	5.88%	2	1	0.8795	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1-C2	FAL.3T3.SLS.01/04/04
FAL.3T3.HT.B1.29/04/04	DF	AA61HT	41.3	0.229	0.193	7.55%	1	4	0.7787	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	YES		NR crystals; high background	FAL.3T3.SLS.29/04/04
FAL.3T3.HT.B2.07/05/04	DF	AA61HT	45.3	0.251	0.278	8.04%	4	2	0.9762	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES			FAL.3T3.SLS.07/05/04
FAL.3T3.HT.B3.20/05/04	DF	AA61HT	68.7	0.381	0.332	10.50%	3	3	0.9633	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES			FAL.3T3.SLS.20/05/04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
SODIUM ARSENITE															
IIVS															
A1	RF	AA61MV	0.454	0.003	0.368	14.66%	2	3	0.9583	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A5
B1	DF	AA61MV	0.745	0.006	0.418	11.53%	3	3	0.9754	3.00, 2.00, 1.33, 0.889, 0.593, 0.395, 0.263, 0.176	1.5	YES		SD removed 7 data points from PRISM analysis; considered them outliers even though EXCEL macros did not identify as such	SLS-B4
B2	DF	AA61MV	0.755	0.006	0.414	5.16%	3	4	0.9674	3.00, 2.00, 1.33, 0.889, 0.593, 0.395, 0.263, 0.176	1.5	YES			SLS-B7
B3	DF	AA61MV	0.548	0.004	0.464	4.40%	4	4	0.9506	3.00, 2.00, 1.33, 0.889, 0.593, 0.395, 0.263, 0.176	1.5	YES			SLS-B8
ECBC															
AA61KA-A1	RF	AA61KA	0.483	0.004	0.506	2.78%	3	3	0.9940	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-16
AA61KA-B1	DF	AA61KA	0.482	0.004	0.565	4.68%	4	4	0.9795	10.0, 4.65, 2.16, 1.01, 0.468, 0.218, 0.101, 0.047	2.15	YES			SLS-P41
AA61KA-B2	DF	AA61KA	0.528	0.004	0.739	1.30%	2	4	0.9661	10.0, 4.65, 2.16, 1.01, 0.468, 0.218, 0.101, 0.047	2.15	YES			SLS-P43
AA61KA-B3	DF	AA61KA	0.477	0.004	0.617	1.99%	2	4	0.9795	10.0, 4.65, 2.16, 1.01, 0.468, 0.218, 0.101, 0.047	2.15	YES			SLS-P43
FRAME															
FAL.3T3.GS.A1.21.10.04	RF	AA61GS	1.11	0.009	0.254	4.69%	0	3	0.9858	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	range finder; no points between 0-50%	ppt in 2X C1	FAL.3T3.SLS.21.10.04
FAL.3T3.GS.B1.11.11.04	DF	AA61GS	0.678	0.005	0.731	1.75%	8	0	0.9745	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	NO	no points between 50-100%	ppt in 1X C1-C8	FAL.3T3.SLS.10.11.04
FAL.3T3.GS.B2.25.11.04	DF	AA61GS	0.872	0.007	0.381	2.01%	3	1	0.9740	10.0, 4.65, 2.16, 1.01, 0.468, 0.218, 0.101, 0.047	2.15	YES			FAL.3T3.SLS.25.11.04
FAL.3T3.GS.B3.26.11.04	DF	AA61GS	1.07	0.008	0.299	7.88%	1	2	0.9795	10.0, 4.65, 2.16, 1.01, 0.468, 0.218, 0.101, 0.047	2.15	YES		outliers removed bySD	FAL.3T3.SLS.26.11.04
FAL.3T3.GS.B4.02.12.04	DF	AA61GS	2.38	0.018	0.232	12.64%	2	2	0.9073	10.0, 4.65, 2.16, 1.01, 0.468, 0.218, 0.101, 0.047	2.15	YES			FAL.3T3.SLS.02.12.04 (SW)

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
SODIUM CHLORIDE															
IIVS															
A1	RF	AA61PE	3400	58.249	0.474	1.86%	1	6	0.9680	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A3
B1	DF	AA61PE	5160	88.367	0.496	1.02%	2	6	0.9548	10000, 7143, 5102, 3644, 2603, 1859, 1328, 949	1.4	YES			SLS-B4
B2	DF	AA61PE	5120	87.557	0.391	6.63%	3	3	0.9651	20000, 13333, 8889, 5926, 3951, 2634, 1756, 1171	1.5	YES			SLS-B7
B3	DF	AA61PE	4350	74.352	0.450	5.91%	2	4	0.9484	20000, 13333, 8889, 5926, 3951, 2634, 1756, 1171	1.5	YES			SLS-B8
ECBC															
AA61JW-A1	RF	AA61JW	4140	70.842	0.365	0.96%	1	6	0.9393	10000,1000, 100, 10, 1,0.1, 0.01, 0.001	10	RF	range finder		SLS-11
AA61JW-B1	DF	AA61JW	5050	86.355	0.538	7.42%	2	6	0.9446	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES			SLS-27
AA61JW-B2	DF	AA61JW	4720	80.777	0.449	8.39%	2	6	0.9401	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES			SLS-29
AA61JW-B3	DF	AA61JW	4600	78.757	0.519	5.06%	2	6	0.9369	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES			SLS-P31
FRAME															
FAL.3T3.FM.A1.21.05.04	RF	AA61FM	3540	60.574	0.396	0.86%	1	4	0.9371	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.3T3.SLS.21.05.04
FAL.3T3.FM.B1.04.06.04	DF	AA61FM	3010	51.557	0.452	18.08%	2	3	0.8138	20000, 9302, 4327, 2012, 936, 435, 202, 94.2	2.15	NO	% VC difference > 15		FAL.3T3.SLS.04.06.04
FAL.3T3.FM.B2.17.06.04	DF	AA61FM	4500	76.964	0.538	0.15%	2	6	0.9728	20000, 9302, 4327, 2012, 936, 435, 202, 94.2	2.15	YES			FAL.3T3.SLS.17.06.04
FAL.3T3.FM.B3.08.07.04	DF	AA61FM	4010	68.595	0.322	7.57%	2	4	0.9618	20000, 9302, 4327, 2012, 936, 435, 202, 94.2	2.15	YES			FAL.3T3.SLS.08.07.04
FAL.3T3.FM.B4.09.07.04	DF	AA61FM	4520	77.320	0.384	3.06%	2	3	0.7556	20000, 9302, 4327, 2012, 936, 435, 202, 94.2	2.15	YES			FAL.3T3.SLS.09.07.04
FAL.3T3.FM.B5.16.07.04	DF	AA61FM	5470	93.603	0.399	4.36%	1	3	0.9361	20000, 9302, 4327, 2012, 936, 435, 202, 94.2	2.15	YES			FAL.3T3.SLS.16.07.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
SODIUM DICHROMATE DIHYDRATE															
IIVS															
A1	RF	AA61FP	0.642	0.002	0.380	5.57%	1	1	0.9860	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A4
B1	DF	AA61FP	0.548	0.002	0.502	2.42%	5	3	0.9910	3.00, 2.00, 1.33, 0.889, 0.593, 0.395, 0.263, 0.176	1.5	YES			SLS-B4
B2	DF	AA61FP	0.527	0.002	0.435	0.54%	4	4	0.9751	2.47, 1.65, 1.10, 0.733, 0.489, 0.326, 0.217, 0.145	1.5	YES			SLS-B7
B3	DF	AA61FP	0.455	0.002	0.449	3.30%	5	3	0.9931	3.00, 2.00, 1.33, 0.889, 0.593, 0.395, 0.263, 0.176	1.5	YES			SLS-B8
ECBC															
AA61NT-A1	RF	AA61NT	0.561	0.002	0.291	2.92%	2	1	0.9850	10000,1000, 100, 10, 1,0.1, 0.01, 0.001	10	RF	range finder		SLS-P12
AA61NT-B1	DF	AA61NT	0.555	0.002	0.438	5.78%	4	4	0.9835	6.00, 2.79, 1.30, 0.604, 0.281, 0.131, 0.061, 0.028	2.15	YES			SLS-P32
AA61NT-B2	DF	AA61NT	0.550	0.002	0.409	9.10%	4	4	0.9713	6.00, 2.79, 1.30, 0.604, 0.281, 0.131, 0.061, 0.028	2.15	YES			SLS-P34
AA61NT-B3	DF	AA61NT	0.703	0.002	0.654	1.90%	3	5	0.9871	6.00, 2.79, 1.30, 0.604, 0.281, 0.131, 0.061, 0.028	2.15	YES			SLS-P36
FRAME															
FAL.3T3.HK.A1.10.09.04	RF	AA61HK	0.871	0.003	0.496	11.79%	5	0	0.9710	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; no points between 50 - 100%		FAL.3T3.SLS.10.09.04
FAL.3T3.HK.B1.16.09.04	DF	AA61HK	NA	NA	0.343	4.69%	0	0	NA	10.0, 4.7, 2.2, 1.0, 0.5, 0.2, 0.101, 0.047	2.15	NO	no points between 0 - 100%		FAL.3T3.SLS.16.09.04
FAL.3T3.HK.B2.23.09.04	DF	AA61HK	0.388	0.001	0.367	3.41%	2	1	0.9713	1.00, 0.680, 0.463, 0.315, 0.214, 0.146, 0.099, 0.067	1.47	YES			FAL.3T3.SLS.23.09.04
FAL.3T3.HK.B3.14.10.0404	DF	AA61HK	0.864	0.003	0.340	3.67%	1	7	0.9167	1.00, 0.752, 0.565, 0.425, 0.320, 0.240, 0.181, 0.136	1.33	YES			FAL.3T3.SLS.14.10.04
FAL.3T3.HK.B4.04.11.04	DF	AA61HK	0.719	0.002	0.265	8.67%	2	3	0.7857	1.00, 0.752, 0.565, 0.425, 0.320, 0.240, 0.181, 0.136	1.33	YES			FAL.3T3.SLS.04.11.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
SODIUM I FLUORIDE															
IIVS															
A1	RF	AA61HF	59.2	1.410	0.526	0.64%	1	3	0.9854	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A1
B1	DF	AA61HF	86.7	2.065	0.391	0.28%	2	4	0.9788	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES			SLS-B1
B2	DF	AA61HF	75.5	1.798	0.512	5.46%	3	3	0.9857	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES			SLS-B2
B3	DF	AA61HF	71.4	1.700	0.541	9.13%	2	2	0.9894	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	NO	PC fails		SLS-B3
B4	DF	AA61HF	83.8	1.996	0.465	2.42%	3	3	0.9676	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES			SLS-B4
ECBC															
AA61MG-A1	RF	AA61MG	61.7	1.469	0.361	7.05%	0	0	0.9569	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	PC fails; no points between 10 - 90%; range finder		SLS-P2
AA61MG-B1	DF	AA61MG	59.7	1.422	0.597	4.34%	1	2	0.9567	200, 136.1, 92.6, 63.0, 42.8, 29.1, 19.8, 13.5	1.47	YES			SLS-P6
AA61MG-B2	DF	AA61MG	56.8	1.353	0.566	1.90%	3	4	0.9553	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES			SLS-P7
AA61MG-B3	DF	AA61MG	67.5	1.608	0.522	6.32%	3	2	0.9336	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES			SLS-P10
FRAME															
FAL.3T3.A1.RH.200603	RF	AA61RH	208	4.954	0.716	0.48%	1	0	0.9733	10000,1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	no points between 50 - 90%; range finder		FAL.3T3.SLS2.A1.200603
FAL.3T3.B1.RH.27.06.03	DF	AA61RH	102	2.429	0.425	2.23%	2	1	0.9119	150, 102.0, 69.4, 47.2, 32.1, 21.8, 14.9, 10.1	1.47	YES			FAL.3T3.SLS.A2.27.06.03
FAL.3T3.B2.RH.04.07.03	DF	AA61RH	85.9	2.046	0.568	0.12%	2	1	0.9438	300, 204, 139, 94.4, 64.2, 43.7, 29.7, 20.2	1.47	NO	PC fails		FAL.3T3.SLS.04.07.03
FAL.3T3.B3.RH.11.07.03	DF	AA61RH	76.0	1.810	0.575	3.23%	2	1	0.9762	300, 204, 139, 94.4, 64.2, 43.7, 29.7, 20.2	1.47	YES			FAL.3T3.SLS.11.07.03
FAL.3T3.B4.RH.18.07.03	DF	AA61RH	110	2.620	0.552	4.70%	2	1	0.9301	300, 204, 139, 94.4, 64.2, 43.7, 29.7, 20.2	1.47	YES			FAL.3T3.SLS.18.07.03

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
SODIUM HYPOCHLORITE															
IIVS															
A1	RF	AA61RD	310	4.171	0.414	28.60%	1	4	0.9878	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder	VC1 ODs < VC2 ODs; VC1 removed from subsequent analysis; volatility issues.	SLS-A1
B1	DF	AA61RD	NA	NA	0.464	1.53%	0	5	NA	1000, 667, 444, 296, 198, 132, 87.8, 58.5	1.5	NO	no points between 0 - 50%		SLS-B4
B1 (should be B2)	DF	AA61RD	1110	14.866	0.425	2.24%	2	1	0.9708	10000, 7143, 5102, 3644, 2603, 1859, 1328, 949	1.4	YES		plate sealer used	SLS-B6
B3	DF	AA61RD	1600	21.537	0.446	5.64%	3	2	0.9810	10000, 7143, 5102, 3644, 2603, 1859, 1328, 949	1.4	YES		plates read 15-16 hr late; orignial reading used wrong OD wavelength; plate sealer used	SLS-B11
B4	DF	AA61RD	2170	29.187	0.404	9.58%	2	6	0.8825	4000, 2857, 2041, 1458, 1041, 744, 531, 379	1.4	YES			SLS-B12
B5	DF	AA61RD	3140	42.188	0.431	0.64%	1	3	0.9519	4000, 2857, 2041, 1458, 1041, 744, 531, 379	1.4	YES		plate sealer used	SLS-B15
ECBC															
AA61HE-A1	RF	AA61HE	NA	NA	0.241	44.19%	1	1	0.0000	10000, 1000, 100,10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P3
AA61HE-A2	RF	AA61HE	600	8.057	0.409	0.71%	1	1	0.6930	1000, 100,10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P17
AA61HE-B1	DF	AA61HE	728	9.777	0.418	6.56%	2	6	0.9476	1000, 826, 683, 565, 467, 386, 319, 263	1.21	YES			SLS-P19
AA61HE-B2	DF	AA61HE	802	10.769	0.550	3.94%	3	5	0.8389	1210, 1000, 826, 683, 565, 467, 386, 319	1.21	YES			SLS-P22
AA61HE-B3	DF	AA61HE	940	12.624	0.603	3.31%	2	5	0.9363	1210, 1000, 826, 683, 565, 467, 386, 319	1.21	YES			SLS-P23
FRAME															
FAL.3T3.LU.A1.09/01/04	RF	AA61LU	1060	14.295	0.483	0.62%	0	1	0.9323	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.3T3.SLS.09/01/04
FAL3T3.LU.A2.16.01.04	DF	AA61LU	391	5.250	0.897	4.13%	3	5	0.7288	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	YES			FAL.3T3.SLS.16/01/04
FAL3T3.LU.B1.23.01.04	DF	AA61LU	1090	14.696	0.505	7.27%	1	2	0.9546	5000, 2325.6, 1081.7, 503.1, 234.0, 108.8, 50.6, 23.5	2.15	YES			FAL3T3.23-01-04
FAL3T3.LU.B2.30.01.04	DF	AA61LU	935	12.566	0.401	11.07%	3	2	0.9787	5000, 3401, 2314, 1574, 1071, 728, 496, 337	1.47	YES		steep toxicity curve; will adjust concentrations for B3 to 2500 ug/ml (1.47 dil)	FAL.3T3.SLS.29/01/04
FAL3T3.LU.B3.06-02-04	DF	AA6 LU	923	12.393	0.361	18.60%	1	3	0.9557	5000, 3401, 2314, 1574, 1071, 728, 496, 337	1.47	NO	%VC difference >15; possible volatility problem	VC1 ODs lower than VC2 ODs	FAL.3T3.SLS.06/02/04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
SODIUM OXALATE															
IIVS															
A1	RF	AA61GX	24.9	0.186	0.341	1.34%	1	4	0.9800	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder	ppt in 1X C1 and 2X C1	SLS-A5
B1	DF	AA61GX	19.7	0.147	0.435	3.04%	5	3	0.9762	100, 66.7, 44.4, 29.6, 19.8, 13.2, 8.78, 5.85	1.5	YES		ppt in 2X C1; ppt in 1X C1-C3	SLS-B6
B2	DF	AA61GX	37.9	0.283	0.472	1.09%	3	5	0.9774	100, 66.7, 44.4, 29.6, 19.8, 13.2, 8.78, 5.85	1.5	YES		ppt in 2X C1-C4; plates read 15-16 hr late; orignial reading used wrong OD wavelength	SLS-B11
B3	DF	AA61GX	80.2	0.598	0.349	13.14%	1	4	0.9617	100, 66.7, 44.4, 29.6, 19.8, 13.2, 8.78, 5.85	1.5	YES		ppt in 2X C1-C2; ppt in 1X C1-C4	SLS-B12
B4	DF	AA61GX	60.1	0.449	0.509	1.26%	2	6	0.9495	100, 66.7, 44.4, 29.6, 19.8, 13.2, 8.78, 5.85	1.5	YES		ppt in 2X C1	SLS-B15
ECBC															
AA61LZ-A1	RF	AA61LZ	55.3	0.413	0.544	0.17%	1	4	0.9689	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1; ppt in 1X in C1-C2	SLS-15
AA61LZ-B1	DF	AA61LZ	49.9	0.372	0.455	3.70%	3	5	0.9871	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES		ppt in 2X C1-C2; ppt in 1X C1-C5	SLS-P65
AA61LZ-B2	DF	AA61LZ	54.0	0.403	0.527	6.96%	3	5	0.9578	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES		ppt in 2X C1-C2; ppt in 1X in C1-C5	SLS-P66
AA61LZ-B3	DF	AA61LZ	22.2	0.166	0.450	3.43%	3	3	0.9836	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES		ppt in 2X C1-C2; ppt in 1X C1-C6	SLS-P68
FRAME															
FAL.3T3.RC.A1.21.10.04	RF	AA61RC	74.6	0.557	0.291	1.60%	3	0	0.9198	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	range finder; no points between 50-100%	ppt in 2X C1; ppt in 1X in C1-C3	FAL.3T3.SLS.21.10.04
FAL.3T3.RC.B1.11.11.04	DF	AA61RC	28.8	0.215	0.471	13.15%	5	0	0.8505	500, 340, 231, 157, 107, 72.8, 49.6, 33.7	1.47	NO	no points between 50-100%	ppt in 1X C1-C8	FAL.3T3.SLS.10.11.04
FAL.3T3.RC.B2.25.11.04	DF	AA61RC	34.5	0.258	0.369	4.78%	1	1	0.8807	250, 116, 54.1, 25.2, 11.7,5.44, 2.53, 1.18	2.15	YES		ppt in 2X C1; ppt in 1X in C1-C4	FAL.3T3.SLS.25.11.04
FAL.3T3.RC.B3.26.11.04	DF	AA61RC	37.3	0.279	0.309	3.13%	1	1	0.9655	250, 116, 54.1, 25.2, 11.7,5.44, 2.53, 1.18	2.15	YES		ppt in 2X C1; ppt in 1X in C1-C4;	FAL.3T3.SLS.26.11.04
FAL.3T3.RC.B4.02.12.04	DF	AA61RC	235	1.753	0.282	2.19%	1	0	0.2212	250, 116, 54.1, 25.2, 11.7,5.44, 2.53, 1.18	2.15	NO	no points between 50-100%	C7 gives > 200% viability; ppt in 2X C1 and 1X C1-C2	FAL.3T3.SLS.02.12.04 (RB)
FAL.3T3.RC.B5.09.12.04	DF	AA61RC	21.1	0.157	0.380	8.96%	2	2	0.8788	250, 116, 54.1, 25.2, 11.7,5.44, 2.53, 1.18	2.15	YES		ppt in 2X C1; ppt in 1X in C1-C4	FAL.3T3.SLS.09.12.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
SODIUM SELENATE															
IIVS															
A1	RF	AA61FS	39.2	0.208	0.540	3.31%	1	2	0.9909	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A1
B1	DF	AA61FS	42.3	0.224	0.407	0.61%	5	3	0.9884	300, 200, 133, 89, 59.3, 39.5, 26.3, 17.6	1.5	YES			SLS-B1
B2	DF	AA61FS	35.2	0.186	0.507	2.69%	6	2	0.9874	300, 200, 133, 89, 59.3, 39.5, 26.3, 17.6	1.5	YES			SLS-B2
B3	DF	AA61FS	40.0	0.212	0.504	9.65%	5	2	0.9879	300, 200, 133, 89, 59.3, 39.5, 26.3, 17.6	1.5	NO	PC fails		SLS-B3
B4	DF	AA61FS	32.1	0.170	0.458	0.02%	5	2	0.9884	300, 200, 133, 89, 59.3, 39.5, 26.3, 17.6	1.5	YES			SLS-B4
ECBC															
AA61LF-A1	RF	AA61LF	6.04	0.032	0.438	0.99%	1	2	0.9663	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	PC fails; range finder		SLS-P2
AA61LF-B1	DF	AA61LF	13.6	0.072	0.537	2.38%	3	2	0.9271	100, 68.1, 46.3, 31.5, 21.4, 14.6, 9.9, 6.8	1.47	YES			SLS-P6
AA61LF-B2	DF	AA61LF	13.8	0.073	0.597	3.18%	4	2	0.9754	100, 68.1, 46.3, 31.5, 21.4, 14.6, 9.9, 6.8	1.47	YES			SLS-P8
AA61LF-B3	DF	AA61LF	10.8	0.057	0.569	3.10%	3	2	0.9626	100, 68.1, 46.3, 31.5, 21.4, 14.6, 9.9, 6.8	1.47	YES			SLS-P10
FRAME															
FAL.3T3.A1.NS.200603	RF	AA61NS	221	1.170	0.670	1.17%	0	0	0.9739	10000,1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	no points between 10 - 90%; range finder		FAL.3T3.SLS2.A1.200603
FAL.3T3.B1.NS.27.06.03	DF	AA61NS	62.4	0.330	0.497	3.76%	1	1	0.8042	120, 81.6, 55.5, 37.8, 25.7, 17.5, 11.9, 8.1	1.47	YES			FAL.3T3.SLS.A2.27.06.03
FAL.3T3.B2.NS.04.07.03	DF	AA61NS	52.6	0.278	0.525	2.86%	2	1	0.9189	200, 136, 92.6, 63, 42.8, 29.2, 19.8, 13.5	1.47	NO	PC fails		FAL.3T3.SLS.04.07.03
FAL.3T3.B3.NS.11.07.03	DF	AA61NS	57.7	0.305	0.555	5.84%	2	1	0.9734	200, 136, 92.6, 63, 42.8, 29.2, 19.8, 13.5	1.47	YES			FAL.3T3.SLS.11.07.03
FAL.3T3.B4.NS.17.07.03	DF	AA61NS	42.4	0.224	0.666	2.83%	2	1	0.9758	200, 136, 92.6, 63, 42.8, 29.2, 19.8, 13.5	1.47	YES			FAL.3T3.SLS.17.07.03

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
STRYCHNINE															
IIVS															
A1	RF	AA61JY	77.8	0.233	0.337	1.56%	1	0	0.8728	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder		SLS-A5
B1	DF	AA61JY	89.7	0.268	0.489	1.52%	1	3	0.8961	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49	1.4	YES			SLS-B4
B2	DF	AA61JY	80.2	0.240	0.355	6.46%	1	2	0.8383	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49	1.4	YES			SLS-B7
B3	DF	AA61JY	80.7	0.241	0.434	7.93%	1	2	0.9277	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49	1.4	YES		ppt in 2X C1; slight film of powder on medium surface	SLS-B8
ECBC															
AA61NR-A1	RF	AA61NR	NA	NA	0.317	12.60%	1	4	NA	500, 50.0, 5.0, 0.5, 0.05, 0.005, 0.0005, 0.00005	10	RF	range finder	ppt in 2X C1	SLS-P49
AA61NR-B1	DF	AA61NR	NA	NA	0.431	6.47%	8	0	NA	800, 661, 546, 452, 373, 308, 255, 211	1.21	NO	no points between 50 - 100%	ppt in 2X C1-C7; dilution is 1.21 but no points have greater than 50% viability	SLS-P65
AA61NR-B2	DF	AA61NR	452	1.351	0.526	5.34%	2	6	0.8969	800, 544, 370, 252, 171, 117, 79.3, 53.9	1.47	YES		ppt in 2X C1-C4; ppt in 1X C1	SLS-P66
AA61NR-B3	DF	AA61NR	418	1.249	0.461	0.27%	2	5	0.9559	800, 544, 370, 252, 171, 117, 79.3, 53.9	1.47	YES		ppt in 2X C1-C2	SLS-P68
AA61NR-B4	DF	AA61NR	298	0.891	0.410	5.55%	1	6	0.8163	800, 544, 370, 252, 171, 117, 79.3, 53.9	1.47	YES		ppt in 2X C1; ppt in 1X C1	SLS-P70
FRAME															
FAL.3T3.FY.A1.21.10.04	RF	AA61FY	133	0.397	0.362	10.70%	1	0	0.5214	250, 25, 2.5, 0.25, 0.025, 0.0025, 0.00025, 0.000025	10	RF	range finder; no points between 50-100%		FAL.3T3.SLS.21.10.04
FAL.3T3.FY.B1.25.11.04	DF	AA61FY	108	0.322	0.436	8.15%	5	2	0.8455	250, 207, 171, 141, 117, 96.4, 79.7, 65.8	1.21	YES			FAL.3T3.SLS.25.11.04
FAL.3T3.FY.B2.26.11.04	DF	AA61FY	118	0.352	0.289	2.16%	5	2	0.9110	250, 207, 171, 141, 117, 96.4, 79.7, 65.8	1.21	YES		steep toxicity curve	FAL.3T3.SLS.26.11.04
FAL.3T3.FY.B3.02.12.04	DF	AA61FY	NA	NA	0.258	2.30%	0	0	NA	250, 207, 171, 141, 117, 96.4, 79.7, 65.8	1.21	NO	no points between 0-100%	no toxicity values less than 140% viability	FAL.3T3.SLS.02.12.04 (SW)
FAL.3T3.FY.B4.09.12.04	DF	AA61FY	147	0.440	0.350	0.00%	4	3	0.7540	250, 207, 171, 141, 117, 96.4, 79.7, 65.8	1.21	YES			FAL.3T3.SLS.09.12.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
THALLIUM I SULFATE															
IIVS															
A1	RF	AA61KJ	7.74	0.015	0.407	4.94%	2	3	0.9809	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder		SLS-A1
B1	DF	AA61KJ	5.31	0.011	0.466	2.22%	6	2	0.9348	50.0, 31.3, 19.5, 12.2, 7.63, 4.77, 2.98, 1.86	1.6	YES			SLS-B4
B2	DF	AA61KJ	8.29	0.02	0.357	10.53%	4	4	0.9392	50.0, 31.3, 19.5, 12.2, 7.63, 4.77, 2.98, 1.86	1.6	YES		outlier removed bySD	SLS-B7
B3	DF	AA61KJ	5.22	0.01	0.454	0.66%	5	3	0.9603	50.0, 31.3, 19.5, 12.2, 7.63, 4.77, 2.98, 1.86	1.6	YES			SLS-B8
ECBC															
AA61PB-A1	RF	AA61PB	5.41	0.011	0.362	9.63%	3	5	0.9706	500, 50.0, 5.0, 0.5, 0.05, 0.005, 0.0005, 0.00005	10	RF	range finder		SLS-P49
AA61PB-B1	DF	AA61PB	NA	NA	0.509	7.59%	6	2	NA	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	NO	PC fails		SLS-P53
AA61PB-B2	DF	AA61PB	3.46	0.007	0.703	7.58%	5	3	0.9831	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P54
AA61PB-B3	DF	AA61PB	2.12	0.004	0.539	11.54%	6	2	0.9629	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P57
AA61PB-B4	DF	AA61PB	2.86	0.006	0.399	3.57%	3	5	0.9627	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P59
FRAME															
FAL.3T3.GB.A1.09/01/04	RF	AA61GB	0.015	0.000	0.664	4.29%	1	3	0.9201	0.1, 0.01, 0.001, 0.0001, 0.00001, 0.000001, 0.0000001, 0.00000001	10	RF	range finder		FAL.3T3.SLS.09/01/04
FAL3T3.GB.A2.16.01.04	DF	AA61GB	2.01	0.004	0.861	8.61%	7	1	0.8562	250.0, 116.0, 54.1, 25.2, 11.8, 5.4, 2.5, 1.2	2.15	YES			FAL.3T3.SLS.16/01/04
FAL3T3.GB.B1.23.01.04	DF	AA61GB	13.6	0.027	0.552	1.48%	3	3	0.9318	250, 79.1, 25.0, 7.9, 2.5, 0.8, 0.25, 0.08	3.16	YES		difficult to get above 250 ug/ml; unlikely to reach 100% toxicity	FAL3T3.23-01-04
FAL3T3.GB.B2.30.01.04	DF	AA61GB	27.1	0.054	0.422	2.70%	3	3	0.9382	500, 158.7, 50.4, 16.0, 5.1, 1.6, 0.5, 0.2	3.15	YES		slow increase in toxicity; reached 90% toxicity;	FAL.3T3.SLS.29/01/04
FAL3T3.GB.B3.06-02-04	DF	AA61 GB	10.9	0.022	0.412	3.80%	3	5	0.9648	500, 158.7, 50.4, 16.0, 5.1, 1.6, 0.5, 0.2	3.15	YES			FAL.3T3.SLS.06/02/04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
TRICHLOROACETIC ACID															
IIVS															
A1	RF	AA61MR	637	3.897	0.387	5.74%	2	1	0.9378	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder	ppt in 1X C1	SLS-A4
B1	DF	AA61MR	861	5.269	0.510	3.85%	3	5	0.9807	3000, 2000, 1333, 889, 593, 395, 263, 176	1.5	YES		outlier removed bySD	SLS-B4
B2	DF	AA61MR	873	5.343	0.351	6.44%	3	5	0.9556	3000, 2000, 1333, 889, 593, 395, 263, 176	1.5	YES			SLS-B7
B3	DF	AA61MR	670	4.100	0.423	0.22%	4	4	0.9652	3000, 2000, 1333, 889, 593, 395, 263, 176	1.5	YES			SLS-B8
ECBC															
AA61KT-A1	RF	AA61KT	977	5.981	0.403	6.66%	2	2	0.9703	10000,1000, 100, 10, 1,0.1, 0.01, 0.001	10	RF	range finder	ppt in 1X C1	SLS-P13
AA61KT-B1	DF	AA61KT	859	5.257	0.408	5.82%	4	3	0.9878	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	YES		ppt in 1X C1	SLS-P33
AA61KT-B2	DF	AA61KT	NA	NA	0.585	1.42%	1	0	NA	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	NO	no points between 50 - 100%; closest point is 100.0%	SD rejected test; ppt in 1X C1	SLS-P35
AA61KT-B3	DF	AA61KT	767	4.696	0.491	0.48%	4	4	0.9890	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	YES		ppt in 1X C1	SLS-P37
AA61KT-B4	DF	AA61KT	661	4.043	0.403	0.04%	4	4	0.9878	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	YES		ppt in 1X C1	SLS-P40
FRAME															
FAL.3T3.GH.A1.10.09.04	RF	AA61GH	1380	8.428	0.459	10.90%	1	2	0.9027	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder	ppt in 1X C1	FAL.3T3.SLS.10.09.04
FAL.3T3.GH.1.16.09.04	DF	AA61GH	1240	7.564	0.394	2.96%	2	3	0.9170	5000, 2326, 1082, 503, 234, 109, 50.6, 23.5	2.15	YES			FAL.3T3.SLS.16.09.04
FAL.3T3.GH.B2.15.10.04	DF	AA61GH	1140	6.962	0.302	14.14%	2	3	0.9396	5000, 2326, 1082, 503, 234, 109, 50.6, 23.5	2.15	YES			FAL.3T3.SLS.15.10.04
FAL.3T3.GH.B3.28.10.04	DF	AA61GH	1280	7.830	0.188	9.65%	2	2	0.9091	5000, 2326, 1082, 503, 234, 109, 50.6, 23.5	2.15	YES			FAL.3T3.SLS.28.10.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
1,1,1-TRICHLOROETHANE															
IIVS															
A1	RF	AA61KG	5900	44.240	0.312	5.85%	1	6	0.6051	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A5
B1	DF	AA61KG	9710	72.746	0.446	10.58%	1	0	0.9158	10000, 7692, 5917, 4552, 3501, 2693, 2072, 1594	1.3	NO	no points between 50 - 100%	ppt in 2X C1	SLS-B6
B2	DF	AA61KG	9840	73.758	0.474	5.24%	1	6	0.7420	10000, 8333, 6944, 5787, 4823, 4019, 3349, 2791	1.2	YES		ppt in 2X C1; plates read 15-16 hr late; orignial reading used wrong OD wavelength	SLS-B11
B3	DF	AA61KG	10000	75.303	0.355	0.14%	0	4	0.8872	10000, 8333, 6944, 5787, 4823, 4019, 3349, 2791	1.2	YES	no points between 0 - 50%;	ppt in 2X C1; passes because of 1.2 dilution factor	SLS-B12
B4	DF	AA61KG	9640	72.246	0.490	2.52%	1	2	0.9252	10000, 8333, 6944, 5787, 4823, 4019, 3349, 2791	1.2	YES		ppt in 2X C1	SLS-B15
ECBC															
AA61JV-A1	RF	AA61JV	NA	NA	0.565	0.77%	0	4	NA	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-15
AA61JV-B1 (sealer)	DF	AA61JV	NA	NA	0.621	5.88%	0	8	NA	30000, 24793, 20490, 16934, 13995, 11566, 9559, 7900	1.21	NO	PC fails; no points between 0 - 50%	dilution factor is 1.21; no points between 0-50%; test would pass due to dilution factor; ppt in 2X C4	SLS-P61
AA61JV-B2 (sealer)	DF	AA61JV	41100	308.185	0.353	2.97%	3	5	0.6525	50000, 41322, 34151, 28224, 23325, 19277, 15932, 13167	1.21	YES		ppt in 2X C1-C5; chemical made pipets sticky and corrosive to the reservoir	SLS-P64
AA61JV-B3 (sealer)	DF	AA61JV	NA	NA	0.448	5.01%	?	?	NA	50000, 41322, 34151, 28224, 23325, 19277, 15932, 13167	1.21	NO	can't properly determine points between 0 - 100%	"roller coaster" toxicity curve; chemical physically intereacted with plastic pipets; ppt in 2X C1-C8 (oily)	SLS-P73
FRAME															
FAL.3T3.PN.A1.21.10.04	RF	AA61PN	NA	NA	0.315	6.33%	0	0	0.0000	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	range finder; no points between 0-100%		FAL.3T3.SLS.21.10.04
FAL.3T3.PN.B1.04.11.04	DF	AA61PN	18400	137.661	0.285	9.94%	1	2	0.6655	25000, 17007, 11569, 7870, 5354, 3642, 2478, 1686	1.47	YES		ppt in 1X C1	FAL.3T3.SLS.04.11.04
FAL.3T3.PN.B2.19.11.04	DF	AA61PN	20600	154.458	0.278	4.29%	2	0	0.7843	25000, 20661, 17075, 14112, 11663, 9639, 7966, 6583	1.21	YES	no points between 50-100%	test passes because lowest dilution factor used (1.21); ppt in 2X C1-C2	FAL.3T3.SLS.19.11.04
FAL.3T3.PN.B3.25.11.04	DF	AA61PN	22000	165.125	0.365	1.64%	1	2	0.6250	25000, 20661, 17075, 14112, 11663, 9639, 7966, 6583	1.21	YES		ppt in 2X C1; ppt in 1X C1; C8 concentration shows high toxicity	FAL.3T3.SLS.25.11.04
FAL.3T3.PN.B4.26.11.04	DF	AA61PN	24000	179.809	0.331	2.57%	2	4	0.1704	25000, 20661, 17075, 14112, 11663, 9639, 7966, 6583	1.21	YES		ppt in 2X C1-C4;	FAL.3T3.SLS.26.11.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
TRIETHYLENEMELAMINE															
IIVS															
A1	RF	AA61MT	0.214	0.0010	0.338	10.51%	2	4	0.9591	10.0, 1.0, 0.1, 0.01, 0.001, 0.0001, 0.00001, 0.000001	10	RF	range finder	ppt in 2000ug/ml stock in DMSO	SLS-A2
B1	DF	AA61MT	0.223	0.0011	0.497	2.36%	4	4	0.9169	1.00, 0.625, 0.391, 0.244, 0.153, 0.095, 0.060, 0.037	1.6	YES			SLS-B5
B2	DF	AA61MT	0.127	0.0006	0.377	3.14%	5	3	0.9339	2.00, 1.11, 0.617, 0.343, 0.191, 0.106, 0.059, 0.033	1.8	YES			SLS-B9
B3	DF	AA61MT	0.156	0.0008	0.321	8.67%	5	3	0.9469	2.00, 1.11, 0.617, 0.343, 0.191, 0.106, 0.059, 0.033	1.8	YES			SLS-B10
ECBC															
AA61GE-A1 revised by	RF	AA61GE	0.2	0.0010	0.256	6.24%	2	5	0.9389	10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001, 0.000001	10	RF	range finder		SLS-P9
AA61GE-B1	DF	AA61GE	0.117	0.0006	0.424	19.49%	5	3	0.9178	4.00, 1.86, 0.685, 0.402, 0.187, 0.087, 0.40, 0.019	2.15	NO	% VC difference > 15	ppt in 2X C1	SLS-P19
AA61GE-B2	DF	AA61GE	0.0766	0.0004	0.375	6.15%	6	2	0.9339	4.00, 1.86, 0.685, 0.402, 0.187, 0.087, 0.40, 0.019	2.15	YES			SLS-P21
AA61GE-B3	DF	AA61GE	0.0951	0.0005	0.599	3.52%	2	6	0.9594	4.00, 1.86, 0.685, 0.402, 0.187, 0.087, 0.40, 0.019	2.15	YES			SLS-P24
AA61GE-B4	DF	AA61GE	0.0861	0.0004	0.563	11.19%	2	6	0.9512	4.00, 1.86, 0.685, 0.402, 0.187, 0.087, 0.40, 0.019	2.15	YES			SLS-P26
FRAME															
FAL.3T3.LB.A1.01/04/04	RF	AA61LB	2.83	0.0138	0.270	4.91%	1	1	0.7626	10.0, 1.0, 0.1, 0.01, 0.001, 0.0001, 0.00001, 0.000001,	10	RF	range finder		FAL.3T3.SLS.01/04/04
FAL.3T3.LB.B1.29/04/04	DF	AA61LB	1.44	0.0071	0.289	3.08%	3	3	0.8508	50.0, 23.3, 10.8, 5.03, 2.34, 1.09, 0.506, 0.235	2.15	YES		NR crystals; high background	FAL.3T3.SLS.29/04/04
FAL.3T3.LB.B2.07/05/04	DF	AA61LB	1.72	0.0084	0.269	3.01%	7	1	0.9859	25.0, 17.0, 11.6, 7.9, 5.4, 3.6, 2.5, 1.7	1.47	YES			FAL.3T3.SLS.07/05/04
FAL.3T3.LB.B3.20/05/04	DF	AA61LB	1.19	0.0058	0.336	5.70%	4	3	0.9404	25.0, 11.6, 5.4, 2.5, 1.2, 0.5, 0.3, 0.1	2.15	YES			FAL.3T3.SLS.20/05/04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
TRIPHENYLTIN HYDROXIDE															
IIVS															
A1	RF	AA61JR	0.013	0.00004	0.456	8.54%	0	1	0.9726	10.0, 1.0, 0.1, 0.01, 0.001, 0.0001, 0.00001, 0.000001	10	RF	range finder		SLS-A2
B1	DF	AA61JR	0.0206	0.00006	0.434	2.34%	3	4	0.9576	0.100, 0.0625, 0.0391, 0.0244, 0.0153, 0.00954, 0.00596, 0.00373	1.6	YES			SLS-B5
B2	DF	AA61JR	0.00547	0.00001	0.371	8.48%	3	1	0.9569	0.100, 0.0625, 0.0391, 0.0244, 0.0153, 0.00954, 0.00596, 0.00373	1.6	YES			SLS-B9
B3	DF	AA61JR	0.0184	0.00005	0.367	0.57%	3	4	0.9073	0.100, 0.0625, 0.0391, 0.0244, 0.0153, 0.00954, 0.00596, 0.00373	1.6	YES			SLS-B10
ECBC															
AA61LL-A1	RF	AA61LL	0.0132	0.00004	0.297	4.91%	1	2	0.9825	10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001, 0.000001	10	RF	range finder		SLS-P7
AA61LL-B1	DF	AA61LL	0.0258	0.00007	0.569	0.10%	2	6	0.9539	0.100, 0.0465, 0.0216, 0.0101, 0.0047, 0.0022, 0.0010, 0.0005	2.15	YES			SLS-P24
AA61LL-B2	DF	AA61LL	0.0296	0.00008	0.519	1.61%	2	5	0.9359	0.100, 0.0465, 0.0216, 0.0101, 0.0047, 0.0022, 0.0010, 0.0005	2.15	YES			SLS-P26
AA61LL-B3	DF	AA61LL	0.0212	0.00006	0.486	8.28%	2	6	0.9428	0.100, 0.0465, 0.0216, 0.0101, 0.0047, 0.0022, 0.0010, 0.0005	2.15	YES			SLS-P28
FRAME															
FAL.3T3.GG.A1.01/04/04	RF	AA61GG	0.0143	0.00004	0.267	9.46%	3	5	0.9563	10.0, 1.0, 0.1, 0.01, 0.001, 0.0001, 0.00001, 0.000001,	10	RF	range finder		FAL.3T3.SLS.01/04/04
FAL.3T3.GG.B1.29/04/04	DF	AA61GG	0.00286	0.00001	0.239	5.43%	1	1	0.9869	0.100, 0.047, 0.022, 0.010, 0.0047, 0.0022, 0.0010, 0.0005	2.15	YES			FAL.3T3.SLS.29/04/04
FAL.3T3.GG.B2.07/05/04	DF	AA61GG	0.0314	0.00009	0.340	1.06%	1	1	0.7735	0.100, 0.0233, 0.0108, 0.0050, 0.0023, 0.0011, 0.0005, 0.0002	2.15	YES			FAL.3T3.SLS.07/05/04
FAL.3T3.GG.B3.20/05/04	DF	AA61GG	0.0438	0.00012	0.367	1.82%	2	6	0.8325	0.100, 0.047, 0.022, 0.010, 0.0047, 0.0022, 0.0010, 0.0005	2.15	YES			FAL.3T3.SLS.20/05/04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
VALPROIC ACID															
IIVS															
A1	RF	AA61MZ	665	4.614	0.415	7.61%	1	2	0.8257	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	small immiscible droplets initially coated insides of dilution tube in the highest 2X solution	SLS-A2
B1	DF	AA61MZ	574	3.981	0.353	10.44%	3	4	0.6749	2000, 1333, 889, 593, 395, 263, 176, 117	1.5	YES		ppt in 2X C1-C2; test article adherred to glass pipettes upon transference to the 8-well reservoir	SLS-B6
B2	DF	AA61MZ	NA	NA	0.372	15.70%	0	4	NA	2000, 1333, 889, 593, 395, 263, 176, 117	1.5	NO	no points between 0-50%; %VC difference >15; no toxicity detected	ppt in 2X C1	SLS-B9
B3	DF	AA61MZ	NA	NA	0.354	4.99%	0	6	NA	2000, 1333, 889, 593, 395, 263, 176, 117	1.5	NO	no points between 0-50%	ppt in 2X C1-C4	SLS-B10
B4	DF	AA61MZ	NA	NA	0.366	1.91%	0	3	NA	2000, 1333, 889, 593, 395, 263, 176, 117	1.5	NO	no points between 0-50%	ppt in 2X C1-C3	SLS-18
ECBC															
AA61JJ-A1	RF	AA61JJ	723	5.012	0.252	3.67%	1	3	0.8319	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P9
AA61JJ-B1	DF	AA61JJ	624	4.325	0.537	3.43%	4	2	0.9027	2000, 1361, 926, 630, 428, 291, 198, 135	1.47	YES		highest 2X solution clear, oily, & orange; DMSO < 0.5%; no diff. in JJ-B2 & JJ-B3 when compared to JJ-B1 (no ppt)	SLS-P26
AA61JJ-B2	DF	AA61JJ	519	3.598	0.433	11.56%	3	4	0.8624	2000, 1361, 926, 630, 428, 291, 198, 135	1.47	YES		ppt in 2X C1 - C5; oily; no diff. in JJ-B2 & JJ-B3 when compared to JJ-B1 (no ppt)	SLS-P28
AA61JJ-B3	DF	AA61JJ	499	3.460	0.379	5.14%	4	4	0.9240	2000, 1361, 926, 630, 428, 291, 198, 135	1.47	YES		ppt in 2X C1 - C5; no diff. in JJ-B2 & JJ-B3 when compared to JJ-B1 (no ppt)	SLS-P30
FRAME															
FAL.3T3.GK.A1.01/04/04	RF	AA61GK	NA	NA	0.280	5.02%	0	1	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.3T3.SLS.01/04/04
FAL.3T3.GK.B1.29/04/04	DF	AA61GK	1660	11.535	0.228	7.54%	1	2	0.7855	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES			FAL.3T3.SLS.29/04/04
FAL.3T3.GK.B2.07/05/04	DF	AA61GK	1760	12.219	0.284	7.69%	1	2	0.4313	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES			FAL.3T3.SLS.07/05/04
FAL.3T3.GK.B3.20/05/04	DF	AA61GK	2000	13.837	0.337	0.94%	1	2	0.5501	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	YES			FAL.3T3.SLS.20/05/04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
VERAPAMIL HCL															
IIVS															
A1	RF	AA61NH	38.1	0.078	0.266	2.04%	0	0	0.5147	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder	solvent controls treated with 1% DMSO, rather than 0.5%.	SLS-A4
B1	DF	AA61NH	35.9	0.073	0.480	1.13%	1	2	0.9635	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49	1.4	YES			SLS-B5
B2	DF	AA61NH	43.7	0.089	0.352	7.48%	2	2	0.9750	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49	1.4	YES			SLS-B9
B3	DF	AA61NH	37.1	0.075	0.359	12.81%	1	5	0.9378	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49	1.4	YES			SLS-B10
ECBC															
AA61LY-A1	RF	AA61LY	15.1	0.031	0.287	1.45%	0	6	0.9401	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1	SLS-P14
AA61LY-B1	DF	AA61LY	26.7	0.054	0.347	12.36%	3	4	0.9375	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.91, 6.74	1.47	YES			SLS-P34
AA61LY-B2	DF	AA61LY	38.3	0.078	0.523	5.85%	2	4	0.9789	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.91, 6.74	1.47	YES			SLS-P36
AA61LY-B3	DF	AA61LY	31.6	0.064	0.444	15.05%	3	4	0.9643	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.91, 6.74	1.47	YES		potential volatility problem	SLS-P38
FRAME															
FAL.3T3.MC.A1.10.09.04	RF	AA61MC	62.8	0.128	0.369	12.62%	2	0	0.9133	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; no points between 50 - 100%	ppt in 2X C1 and 1X C1	FAL.3T3.SLS.10.09.04
FAL.3T3.MC.B1.16.09.04	DF	AA61MC	48.1	0.098	0.277	7.34%	0	1	0.9557	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.91, 6.74	1.47	NO	no points between 0 - 50%	ppt in 2X C1	FAL.3T3.SLS.16.09.04
FAL.3T3.MC.B2.23.09.04	DF	AA61MC	23.1	0.047	0.201	2.68%	3	0	0.8298	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	NO	no points between 50 - 100%	1.21 dilution factor doesn't affect outcome since no values > 50% viability; ppt in 2X C1; outlier removed by SD	FAL.3T3.SLS.23.09.04
FAL.3T3.MC.B3.14.10.04.04	DF	AA61MC	32.7	0.067	0.268	12.64%	2	1	0.9323	50.0, 34.0, 23.1, 15.7, 10.7, 7.28, 4.96, 3.37	1.47	YES		ppt in 2X C1	FAL.3T3.SLS.14.10.04
FAL.3T3.MC.B4.21.10.04	DF	AA61MC	36.1	0.073	0.169	0.30%	1	1	0.1575	50.0, 34.0, 23.1, 15.7, 10.7, 7.28, 4.96, 3.37	1.47	YES		ppt in 2X C1; very high viability values for C3-C7	FAL.3T3.SLS.21.10.04
FAL.3T3.MC.B5.04.11.04	DF	AA61MC	34.9	0.071	0.199	8.03%	2	1	0.6920	75.0, 51.0, 34.7, 23.6, 16.1, 10.9, 7.43, 5.06	1.47	YES			FAL.3T3.SLS.04.11.04

3T3 NRU Test Chemical Data

Experiment I.D. 3T3 Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
XYLENE															
IIVS															
A1	RF	AA61MA	NA	NA	0.415	0.04%	0	1	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1	SLS-A3
B1	DF	AA61MA	728	6.855	0.371	3.21%	5	3	0.9121	2500, 1923, 1479, 1138, 875, 673, 518, 398	1.3	YES			SLS-B6
B2	DF	AA61MA	809	7.621	0.371	4.51%	5	3	0.9567	2500, 1923, 1479, 1138, 875, 673, 518, 398	1.3	YES		ppt in 2X C1	SLS-B9
B3	DF	AA61MA	635	5.984	0.311	4.85%	6	2	0.9597	2500, 1923, 1479, 1138, 875, 673, 518, 398	1.3	YES			SLS-B10
ECBC															
AA61GM-A1	RF	AA61GM	NA	NA	0.232	5.68%	0	5	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-12
AA61GM-B1	DF	AA61GM	NA	NA	0.754	7.45%	0	8	NA	3000, 2479, 2049, 1693, 1400, 1157, 956, 790	1.21	NO	PC fails; no points between 0 - 50%	test could pass due to dilution factor	SLS-P61
AA61GM-B2	DF	AA61GM	NA	NA	0.624	4.21%	0	7	NA	4000, 3306, 2732, 2258, 1866, 1542, 1275, 1053	1.21	NO	no points between 0 - 50%	test could pass due to dilution factor	SLS-P63
AA61GM-B3	DF	AA61GM	NA	NA	0.553	15.44%	2	6	NA	4000, 3306, 2732, 2258, 1866, 1542, 1275, 1053	1.21	NO	can't properly determine points between 0 - 100%	roller coaster toxicity curve; ppt in 2X C1-C8 (oily)	SLS-P73
FRAME															
FAL.3T3.JG.A1.28.05.04	RF	AA61JG	NA	NA	0.327	3.31%	0	3	0.6108	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.3T3.SLS.28.05.04
FAL.3T3.JG.B1.04.06.04	DF	AA61JG	NA	NA	0.250	0.50%	0	0	NA	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	NO	no points between 0 - 100%	ppt in 2X C1-C3;	FAL.3T3.SLS.04.06.04
FAL.3T3.JG.B2.17.06.04	DF	AA61JG	NA	NA	0.448	0.74%	0	NA	NA	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	NO	no points between 0 - 100%	ppt in 2X C1-C3; toxicity did not reach 50%	FAL.3T3.SLS.17.06.04
FAL.3T3.JG.B2.24.06.04 (should be B3)	DF	AA61JG	NA	NA	0.396	9.40%	0	5	0.1548	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	NO	no points between 0 - 50%	no toxicity detected; SD ends testing	FAL.3T3.SLS.24.06.04

[1] Range finder or definitive test
[2] Mean OD value for all VC wells in test plate
[3] Difference of right and left VC column of wells in the test plate
[4] % viability ICx values between 0 and 50% viability; test acceptance criterion
[5] % viability ICx values between 50 and 100% viability; test acceptance criterion
[6] calculated value from the Prism® software
[7] Test chemical concentrations from stock applied to the cells
[8] Step-wise dilution factor
[9] Determination whether test meets or doesn't meet test acceptance criteria
Shaded boxes identify values that do not meet the specific test acceptance criteria
Abreviations:
ppt = precipitate
SD = Study Director
RF = Range Finder
DF = Definitive Test
PC = Positive Control
C1 - C8 = concentration series
NA = not available
RC = Registry of Cytotoxicity
2X = Two times the concentration that will be applied to the cells
VC = Vehicle Control
R2 = Coefficient of Determination
OD = Optical Density

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Appendix I-2

NHK NRU Test Chemical Data

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NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
ACETAMINOPHEN															
IIVS															
A1	RF	AA61HU	1450	9.560	0.525	0.11%	0	1	0.5444	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; no points between 0 - 50%		SLS-A5-N040401A
B1	DF	AA61HU	541	3.576	0.678	1.54%	5	3	0.9557	2500, 1786, 1276, 911, 651, 465, 332, 237	1.4	YES			SLS-B12-N041022B
B2	DF	AA61HU	661	4.370	0.622	9.36%	5	3	0.9738	2500, 1786, 1276, 911, 651, 465, 332, 237	1.4	YES			SLS-B13-N041029B
B3	DF	AA61HU	512	3.384	0.777	0.82%	5	3	0.9526	2500, 1786, 1276, 911, 651, 465, 332, 237	1.4	YES			SLS-B14-N041030A
ECBC															
AA61LR-A1	RF	AA61LR	196	1.299	0.972	0.43%	1	6	0.8186	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P19
AA61LR-B1	DF	AA61LR	467	3.086	0.731	1.13%	3	5	0.9694	4000, 1861, 865, 403, 187, 87.1, 40.5, 18.8	2.15	YES			SLS-P41
AA61LR-B2	DF	AA61LR	586	3.877	0.704	2.81%	3	4	0.9642	4000, 1861, 865, 403, 187, 87.1, 40.5, 18.8	2.15	YES			SLS-P43
AA61LR-B3	DF	AA61LR	621	4.106	1.019	4.94%	3	4	0.9495	4000, 1861, 865, 403, 187, 87.1, 40.5, 18.8	2.15	YES			SLS-P45
FRAME															
FAL.NHK.PY.A1.24.09.04	RF	AA61PY	137	0.907	0.578	8.76%	1	3	0.6981	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.NHK.SLS.24.09.03
FAL.NHK.PY.B1.01.10.04	DF	AA61PY	1130	7.489	1.026	8.47%	2	5	0.9753	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	NO	PC fails		FAL.NHK.SLS.01.10.04
FAL.NHK.PY.B2.07.10.04	DF	AA61PY	421	2.783	0.575	3.20%	4	3	0.6590	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES		C1 shows high toxicity; should this point be removed & new calc. be made?	FAL.NHK.SLS.07.10.03
FAL.NHK.PY.B3.05.11.04	DF	AA61PY	541	3.576	0.418	10.47%	3	1	0.9335	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES		outlier removed by SD	FAL.NHK.SLS.05.11.04
FAL.NHK.PY.B4.10.11.04	DF	AA61PY	380	2.514	1.156	1.74%	3	5	0.7537	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES			FAL.NHK.SLS.10.11.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
ACETONITRILE															
IIVS															
A1	RF	AA61GF	43700	1063.376	0.479	4.37%	0	4	0.5946	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; no points between 0 - 50%		SLS-A1-N040317B
B1	DF	AA61GF	6810	165.839	0.494	99.86%	3	2	0.9841	200000, 111111, 61728, 34294, 19052, 10584, 5880, 3267	1.8	NO	%VC difference >15	Left VC was removed from calc. due to volatility	SLS-B8-N040819A
B2	DF	AA61GF	9730	236.966	0.624	3.54%	3	2	0.9960	200000, 111111, 61728, 34294, 19052, 10584, 5880, 3267	1.8	YES		plate seal used; SD removed top dose from analysis since only 4 wells of 8 were treated	SLS-B10-N040903A
B3	DF	AA61GF	9230	224.743	0.693	4.62%	3	2	0.9964	200000, 111111, 61728, 34294, 19052, 10584, 5880, 3267	1.8	YES		plate seal used	SLS-B11-N040904H
B4	DF	AA61GF	8910	217.114	0.605	5.04%	3	3	0.9878	40000, 25000,15625, 9766, 6104, 3815, 2384, 1490	1.6	YES			SLS-B12-N041022B
ECBC															
AA61PH-A1	RF	AA61PH	NA	NA	0.635	1.57%	0	5	NA	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder	no toxicity detected	SLS-P1
AA61PH-A2	RF	AA61PH	NA	NA	0.231	97.27%	3	1	NA	200000, 20000, 2000, 200, 20, 2, 0.2, 0.02	10	RF	range finder	probable volatility problem	SLS-P3
AA61PH-B1	DF	AA61PH	22600	551.679	0.911	13.28%	1	3	0.8640	50000, 23256, 10817, 5031, 2340, 1088, 506, 235	2.15	YES			SLS-P7
AA61PH-B2	DF	AA61PH	31800	775.688	0.865	21.14%	1	5	0.8532	50000, 34014, 23139, 15740, 10708, 7284, 4955, 3371	1.47	NO	%VC difference > 15	possible volatility problem	SLS-P9
AA61PH-B3(sealer)	DF	AA61PH	7110	173.255	0.561	4.36%	6	2	0.9839	50000, 34014, 23139, 15740, 10708, 7284, 4955, 3371	1.47	YES			SLS-P17
AA61PH-B4(sealer)	DF	AA61PH	7050	171.667	0.643	1.06%	5	2	0.9812	50000, 34014, 23139, 15740, 10708, 7284, 4955, 3371	1.47	YES			SLS-P18
AA61PH-B5	DF	AA61PH	6710	163.564	0.484	0.05%	5	2	0.9783	40000, 27211, 18511, 12592, 8566, 5827, 3964, 2697	1.47	YES			SLS-P24
FRAME															
FAL.NHK.PL.A1.18.02.04	RF	AA61PL	NA	NA	0.107	11.79%	0	0	NA	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder	no values calculated by PRISM; % viability are "nonsense" values	FAL.NHK.SLS.18.02.04
FAL.NHK.PL.26.02.04	RF	AA61PL	8220	200.303	0.138	32.31%	1	0	0.4136	100000, 10000, 1000, 100, 10, 1, 0.1, 0.01	10	RF	range finder	chem. needs to be tested at high conc. but have volatility problems even w/plate sealer	FAL.NHK.SLS/NB.26.02.03
FAL.NHK.PL.B1.25.03.04	DF	AA61PL	8790	214.135	0.502	3.22%	1	2	0.9338	25000, 7937, 2520, 800, 254, 80.6, 25.6, 8.12	3.15	YES		did SD use plate film cover?	FAL.NHK.SLS.25.03.03
FAL.NHK.PL.B3.26.03.04	DF	AA61PL	7480	182.258	0.549	4.16%	2	0	0.8428	25000, 7911, 2504, 792, 251, 79.3, 25.1, 7.9	3.16	NO	no points between 50-100%	wrong solvent reported but correct one used (correction by SD); pts between 50 - 100% but several > 100%	FAL.NHK.SLS.26.03.04
FAL.NHK.PL.B4.25.04.04	DF	AA61PL	12400	302.473	0.860	5.09%	1	1	0.9371	25000, 11628, 5408, 2516, 1170, 544, 253, 118	2.15	YES			FAL.NHK.SLS.25.04.04
FAL.NHK.PL.B5.28.04.04	DF	AA61PL	8020	195.293	0.909	6.73%	0	1	0.8109	25000, 7937, 2520, 800, 254, 80.6, 25.6, 8.12	3.15	NO	no points between 0-50%	wells D3,D4,E3,E4 data removed by SD after NICEATM recomm. to review potential outliers; revised data eliminates point between 0-50% and test fails	FAL.NHK.SLS.28.04.03
FAL.NHK.PL.B5.19.08.04(rb) should be B6	DF	AA61PL	10800	262.233	0.266	7.45%	2	0	0.5395	25000, 11628, 5408, 2516, 1170, 544, 253, 118	2.15	NO	PC fails; no points between 50-100%		FAL.NHK.SLS-RB.19.08.04
FAL.NHK.PL.B6.20.08.04 should be B7	DF	AA61PL	9270	225.781	0.824	2.53%	2	2	0.9559	25000, 11628, 5408, 2516, 1170, 544, 253, 118	2.15	YES			FAL.NHK.SLS.20.08.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
ACETYLSALICYLIC ACID															
IIVS															
A1	RF	AA61HM	552	3.064	0.748	3.52%	1	4	0.9540	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A3-N040331A
B1	DF	AA61HM	509	2.826	0.653	1.76%	5	3	0.9836	2000, 1429, 1020, 729, 521, 372, 266, 190	1.4	YES			SLS-B8-N040819A
B2	DF	AA61HM	596	3.306	0.599	5.27%	4	4	0.9664	2000, 1429, 1020, 729, 521, 372, 266, 190	1.4	YES			SLS-B9-N040820A
B3	DF	AA61HM	438	2.428	0.607	3.62%	5	3	0.9107	2000, 1429, 1020, 729, 521, 372, 266, 190	1.4	YES			SLS-B10-N040903A
ECBC															
AA61ME-A1	RF	AA61ME	631	3.501	0.916	2.80%	1	7	0.9492	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C2 and 1X C1	SLS-P14
AA61ME-B1	DF	AA61ME	614	3.406	0.765	3.36%	3	5	0.9409	1500, 1020, 694, 472, 321, 219, 149, 101	1.47	YES			SLS-P53
AA61ME-B2	DF	AA61ME	653	3.624	0.791	2.60%	3	5	0.9719	1500, 1020, 694, 472, 321, 219, 149, 101	1.47	YES			SLS-P54
AA61ME-B3	DF	AA61ME	627	3.477	0.983	0.71%	3	5	0.9596	1500, 1020, 694, 472, 321, 219, 149, 101	1.47	YES			SLS-P56
FRAME															
FAL.NHK.JA.A1.14.05.04	RF	AA61JA	340	1.889	0.764	4.39%	1	2	0.9410	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.NHK.SLS.14.05.03
FAL.NHK.JA.B1.08.10.04	DF	AA61JA	719	3.993	0.722	0.54%	2	3	0.9913	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES			FAL.NHK.SLS.08.10.03
FAL.NHK.JA.B2.22.10.04	DF	AA61JA	778	4.318	0.715	2.72%	3	5	0.9753	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	YES			FAL.NHK.SLS.22.10.04 (MO)
FAL.NHK.JA.B3.28.10.04	DF	AA61JA	586	3.253	0.635	3.07%	4	4	0.9817	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	YES			FAL.NHK.SLS.28.10.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
AMINOPTERIN															
IIVS															
A2	RF	AA61JD	1480	3.360	0.809	5.29%	0	6	0.7064	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A2
B1	DF	AA61JD	561	1.274	0.476	6.77%	2	6	0.9289	1000, 714, 510, 364, 260, 186, 133, 94.9	1.40	YES		evidence of precipitate at highest dose	SLS-B1
B2	DF	AA61JD	661	1.501	0.328	4.35%	2	6	0.9353	1000, 714, 510, 364, 260, 186, 133, 94.9	1.40	YES		evidence of precipitate at highest dose	SLS-B2
B3	DF	AA61JD	986	2.239	0.34	6.44%	0	5	0.9305	1000, 714, 510, 364, 260, 186, 133, 94.9	1.40	NO	No points 0-50%	evidence of precipitate at highest dose	SLS-B3
ECBC															
AA61MB-A1	RF	AA61MB	627	1.424	0.566	1.64%	1	3	0.8101	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	range finder	SLS-P4
AA61MB-B1	DF	AA61MB	962	2.184	1.042	1.45%	1	7	0.7701	1000, 680.3, 462.8, 314.8, 214.2, 145.7, 99.1, 67.4	1.47	NO	low r2		SLS-P8
AA61MB-B2	DF	AA61MB	718	1.630	0.914	0.84%	3	5	0.8326	1200, 991.7, 819.6, 677.4, 559.8, 462.7, 382.4, 316.0	1.21	YES			SLS-P10
AA61MB-B3	DF	AA61MB	1080	2.452	0.778	2.61%	1	7	0.7956	1200, 991.7, 819.6, 677.4, 559.8, 462.7, 382.4, 316	1.21	YES			SLS-P12
AA61MB-B4	DF	AA61MB	944	2.143	0.904	5%	3	5	0.7754	1200, 991.7, 819.6, 677.4, 559.8, 462.7, 382.4, 316.0	1.21	YES			SLS-P20
FRAME															
FAL.NHK.PU.30.07.03	RF	AA61PU	NA	NA	1.355	3.29%	0	8	0.0373	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	solution is yellow and may bind to the cells thus affecting NRU	FAL.NHK.SLS.30.07.03
FAL.NHK.PU.B1.07.08.03	DF	AA61PU	516	1.172	0.245	10.54%	2	6	0.2733	1000, 680, 463, 314.8, 214.1, 145.6, 99.1, 67.4	1.47	NO	low r2	biphasic response	FAL.NHK.SLS.07.08.03
FAL.NHK.PU.B2.13.08.03	DF	AA61PU	NA	NA	0.722	30.35%	0	7	NA	1000, 680, 463, 314.8, 214.1, 145.6, 99.1, 67.4	1.47	NO	PC fails; no points between 0 - 50%; no r2; %VC difference > 15	SD rejects this assay; can't explain the variability of cell growth in the wells	FAL.NHK.SLS.13.08.03
FAL.NHK.PU.B3.23.08.03	DF	AA61PU	366	0.831	0.408	5.58%	3	5	0.8213	1000, 680, 463, 314.8, 214.1, 145.6, 99.1, 67.4	1.47	NO	PC fails		FAL.NHK.SLS.230803
FAL.NHK.PU.B4.28.08.05	DF	AA61PU	593	1.346	0.470	8.87%	2	6	0.7804	1000, 680, 463, 314.8, 214.1, 145.6, 99.1, 67.4	1.47	YES		challenging chemical; SMT accepts this test	FAL.NHK.SLS.280803
FAL.NHK.PU.B5.05.09.03	DF	AA61PU	515	1.169	0.217	7.60%	2	6	0.7145	1000, 680, 463, 314.8, 214.1, 145.6, 99.1, 67.4	1.47	YES		challenging chemical; SMT accepts this test	FAL.NHK.SLS.050903
FAL.NHK.PU.B6.01.10.03	DF	AA61PU	NA	NA	1.373	5.40%	0	8	0.0149	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	NO	no points between 50 - 100%; low r2		FAL.NHK.SLS.01.10.03
FAL.NHK.PU.B6.19.10.03	DF	AA61PU	157	0.356	0.170	1.73%	0	7	0.4794	100, 46.5, 21.6, 10.1, 4.7, 2.2, 1.0, 0.47	2.15	NO	low r2; no points between 0-50%	SD worked with wrong dilution range; wanted to start at 1000	FAL.NHK.SLS.19.10.03
FAL.NHK.PU.B7.23.10.03	DF	AA61PU	526	1.194	0.236	3.75%	2	6	0.6618	1000, 680, 463, 314.8, 214.1, 145.6, 99.1, 67.4	1.47	YES		challenging chemical; SMT accepts this test	FAL.NHK.SLS.23.10.03
FAL.NHK.PU.B8.24.10.03	DF	AA61PU	9950	22.591	0.869	1.69%	1	7	0.2607	1000, 680, 463, 314.8, 214.1, 145.6, 99.1, 67.4	1.47	NO	low r2		FAL.NHK.SLS.24.10.03
FAL.NHK.PU.B9.07.11.03	DF	AA61PU	5400	12.260	0.385	2.23%	1	7	0.1515	2000, 930, 433, 201, 94, 44, 20.2, 9.4	2.15	NO	low r2		FAL.NHK.SLS.07.11.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
5-AMINOSALICYLIC ACID															
IIVS															
A1	RF	AA61GZ	93.1	0.608	0.631	0.67%	1	0	0.8972	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	SD did not use data from the highest dose in Hill analyses due to the effects of the ppts; ppt in 2X C1 & 1X C1	SLS-A3-N040331A
B1	DF	AA61GZ	41.7	0.272	0.548	2.71%	6	2	0.9682	500, 313, 195, 122, 76.3, 47.7, 29.8, 18.6	1.6	YES			SLS-B1-N040423A
B2	DF	AA61GZ	47.3	0.309	0.557	3.54%	5	2	0.9749	500, 313, 195, 122, 76.3, 47.7, 29.8, 18.6	1.6	YES			SLS-B2-N040424A
B3	DF	AA61GZ	57.3	0.374	0.438	9.57%	3	3	0.9328	200, 125, 78.1, 48.8, 30.5, 19.1, 11.9 ,7.45	1.6	YES		flattening of the curve at 35% viability	SLS-B3-N040506A
ECBC															
AA61KD-A1	RF	AA61KD	NA	NA	0.856	3.85%	1	4	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 1X C1	SLS-P12
AA61KD-B1	DF	AA61KD	34.8	0.228	0.529	0.76%	4	1	0.9692	500, 233, 108, 50.3, 23.4, 10.9, 5.06, 2.35	2.15	YES			SLS-P32
AA61KD-B2	DF	AA61KD	32.4	0.212	0.539	0.94%	5	2	0.9214	150, 102, 69.4, 47.2, 32.1, 21.9, 14.9, 10.1	1.47	YES			SLS-P34
AA61KD-B3	DF	AA61KD	22.5	0.147	0.401	3.53%	6	2	0.9529	150, 102, 69.4, 47.2, 32.1, 21.9, 14.9, 10.1	1.47	YES			SLS-P36
FRAME															
FAL.NHK.PA.A1.14.05.04	RF	AA61PA	35.6	0.232	0.784	2.17%	2	0	0.8834	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 1X C1; NR taken up by C1 ppt	FAL.NHK.SLS.14.05.03
FAL.NHK.PA.B1.19.08.04 rb	DF	AA61PA	62.1	0.406	0.234	1.25%	6	2	0.7433	500, 340, 231, 157, 108, 72.8, 50.0, 33.7	1.47	NO	PC fails		FAL.NHK.SLS-RB.19.08.04
FAL.NHK.PA-NB.B2.25.08.04	DF	AA61PA	127	0.830	0.988	1.33%	2	3	0.8882	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES			FAL.NHK.SLS.25.08.04
FAL.NHK.PA.17.09.04	DF	AA61PA	54.3	0.355	0.705	2.54%	2	1	0.8385	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES		outlier removed by SD; ppt in C1; interference with NRU in C1-C3 conc.; SD consider removing C1-C3 data from PRISM analyses?	FAL.NHK.SLS.17.09.04
FAL.NHK.PA.B4.30.09.04	DF	AA61PA	53.3	0.348	0.753	2.27%	3	2	0.9753	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES		toxicity curve begins to rise at high concentrations; maybe affecting NRU; outlier removed by SD	FAL.NHK.SLS.30.09.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
AMITRIPTYLINE HCL															
IIVS															
A1	RF	AA61RF	10.3	0.033	0.516	5.22%	0	1	0.9945	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; no points between 0 - 50%		SLS-A1-N040317B
B1	DF	AA61RF	10.1	0.032	0.543	3.51%	2	3	0.9878	100, 55.6, 30.9, 17.1, 9.53, 5.29, 2.94, 1.63	1.8	YES			SLS-B1-N040423A
B2	DF	AA61RF	10.6	0.034	0.636	2.41%	2	3	0.9899	100, 55.6, 30.9, 17.1, 9.53, 5.29, 2.94, 1.63	1.8	YES			SLS-B2-N040424A
B3	DF	AA61RF	12.1	0.039	0.496	1.03%	2	2	0.9713	100, 55.6, 30.9, 17.1, 9.53, 5.29, 2.94, 1.63	1.8	YES			SLS-B3-N040506A
ECBC															
AA61PR-A1	RF	AA61PR	7.64	0.024	0.518	3.91%	2	3	0.9625	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1	SLS-P4
AA61PR-B1	DF	AA61PR	12.4	0.040	0.647	4.74%	2	3	0.9678	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P21
AA61PR-B2	DF	AA61PR	13.0	0.042	0.921	1.85%	3	3	0.9817	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P23
AA61PR-B3	DF	AA61PR	6.94	0.022	0.648	2.47%	3	4	0.9710	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P24
FRAME															
FAL.NHK.LE.A1.13.02.03	RF	AA61LE	6.52	0.021	0.114	4.66%	2	2	0.8453	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	SD rejected due to bacterial contamination in some plates in test series; ppt in 2X C1	FAL.NHK.SLS.13.02.03
FAL.NHK.LE.A2.20.02.03	DF	AA61LE	3.08	0.010	0.213	0.12%	3	3	0.9449	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			FAL.NHK.SLS.20.02.03
FAL.NHK.LE.B1.27.02.04new	DF	AA61LE	13.6	0.043	0.548	1.40%	3	4	0.9200	50, 34.0, 23.1, 15.7, 10.7, 7.28, 4.96, 3.37	1.47	YES		file corrected by SD	FAL.NHK.SLS.27.02.03
FAL.NHK.LE.B3.19.03.04	DF	AA61LE	6.04	0.019	0.528	4.71%	3	5	0.9296	50.0, 23.3, 10.8, 5.03, 2.34, 1.09, 0.51, 0.24	2.15	YES			FAL.NHK.SLS.19.03.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
ARSENIC III TRIOXIDE															
IIVS															
Preliminary	RF	AA61FX	5.16	0.026	0.585	3.78%	1	0	0.9828	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder		Preliminary
B1	DF	AA61FX	26.4	0.133	0.487	0.24%	2	2	0.9238	100, 46.4, 21.6, 10, 4.64, 2.16, 1.00, 0.46	2.15	YES			SLS-B1
B2	DF	AA61FX	22.5	0.114	0.633	7.02%	2	1	0.9682	100, 46.4, 21.6, 10, 4.64, 2.16, 1.00, 0.46	2.15	YES			SLS-B2
B3	DF	AA61FX	22.5	0.114	0.817	7.11%	2	0	0.9900	100, 46.4, 21.6, 10, 4.64, 2.16, 1.00, 0.46	2.15	NO	No points between 50 & 90%		SLS-B3
B4	DF	AA61FX	13.9	0.070	0.826	6.84%	1	1	0.9850	100, 46.4, 21.6, 10, 4.64, 2.16, 1.00, 0.46	2.15	YES			SLS-B4
ECBC															
ECBC-NHK-Ib-01 AA61KU-A1	RF	AA61KU	32.2	0.163	0.811	7.13%	0	1	-0.8980	25, 2.5, 0.25, 0.025, 0.0025,0.00025, 0.000025, 0.0000025	10	RF	range finder		SLS-P2
ECBC-NHK-Ib-02 AA61KU-B1	DF	AA61KU	4.51	0.023	0.978	2.63%	3	1	0.9577	50, 34, 23.1, 15.7, 10.7, 7.3, 5.0, 3.4	1.47	YES			SLS-P3
ECBC-NHK-Ib-03 AA61KU-B2	DF	AA61KU	7.76	0.039	1.200	2.58%	3	1	0.9757	25, 17.0, 11.6, 7.87, 5.35, 3.64, 2.48, 1.69	1.47	YES			SLS-P4
ECBC-NHK-Ib-04 AA61KU-B3	DF	AA61KU	8.11	0.041	1.080	5.57%	3	2	0.8912	25, 17.0, 11.6, 7.87, 5.35, 3.64, 2.48, 1.69	1.47	YES			SLS-P5
ECBC-NHK-Ib-05 AA61KU-B4	DF	AA61KU	10.7	0.054	1.086	3.26%	2	1	0.9369	25, 17.0, 11.6, 7.87, 5.35, 3.64, 2.48, 1.69	1.47	YES			SLS-P7
FRAME															
A1 1b/NHKRF1/FAL/NC	RF	AA61NC	1.49	0.008	0.160	0.52%	1	1	0.6560	12.5, 2.5, 0.5, 0.1, 0.02, 0.004, 0.00080, 0.00016	5	RF	range finder		A1 1b/NHKCTR1/FAL/SLS
A2 1b/NHKRF2/FAL/NC	RF	AA61NC	3.01	0.015	0.685	10.17%	4	4	0.5164	12.5, 8.5, 5.78, 3.93, 2.67, 1.82, 1.23, 0.84	1.47	NO	low r2		A2 1b/NHKCTR2/FAL/SLS
A3 1b/NHK/DF2/FAL/NC	DF	AA61NC	0.00016	0.000	0.051	18.01%	0	0	-0.9880	10, 6.8, 4.6, 3.14, 2.13, 1.45, 0.98, 0.67	1.47	NO	VC difference > 15%; no points between 10 & 90%; R^2 < 0.8; PC failed	NR crystal problems; used different medium; % viability values are negative; PRISM curve below 0	A3 1b/NHK/CTR4/FAL/
A4 1b/NHK/DF3/FAL/NC	DF	AA61NC	0.502	0.003	0.144	1.97%	5	0	0.7012	10, 6.8, 4.6, 3.14, 2.13, 1.45, 0.98, 0.67	1.47	NO	No point between 50 & 90%; R^2 < 0.8	NR crystal problems; used medium not normally used	A4 1b/NHK/CTR5/FAL
A5 1b/NHK/DF4/FAL/NC	DF	AA61NC	NA	NA	-0.003	83.48%	0	0	NC	10, 6.8, 4.6, 3.14, 2.13, 1.45, 0.98, 0.67	1.47	NO	VC difference > 15%; no points between 10& 90%; no R^2 or ICx; PC failed	NR crystal problems; used different medium; OD values of test wells no different than background ODs; negative values for VC	A5 1b/NHK/CTR6/FAL
A6 1b/NHK/DF5/FAL/NC	DF	AA61NC	2.95	0.015	1.145	11.51%	2	3	0.8929	10, 6.8, 4.6, 3.14, 2.13, 1.45, 0.98, 0.67	1.47	YES			A6 1b/NHK/CTR7/FAL
A8 1b/NHK/DF7/FAL/NC	DF	AA61NC	6.26	0.032	0.740	2.23%	1	2	0.8855	15, 10.2, 6.93, 4.72, 3.21, 2.18, 1.48, 1.01	1.47	YES			A8 1b/NHK/CTR9/FAL
A9 1b/NHK/DF8/FAL/NC	DF	AA61NC	6.25	0.032	0.798	9.28%	1	6	0.7381	15, 10.2, 6.93, 4.72, 3.21, 2.18, 1.48, 1.01	1.47	NO	R^2 < 0.8; PC failed		A9 1b/NHK/CTR10/FAL
A10 1b/NHK/DF9/FAL/NC	DF	AA61NC	1.29	0.007	1.108	3.81%	4	1	0.8550	15, 10.2, 6.93, 4.72, 3.21, 2.18, 1.48, 1.01	1.47	YES		no outliers	A10 1b/NHK/CTR11/FAL
A11 1b/NHK/DF10/FAL/SLS//NC	DF	AA61NC	1.54	0.008	1.439	0.51%	4	1	0.8443	15, 10.2, 6.93, 4.72, 3.21, 2.18, 1.48, 1.01	1.47	YES		removed outliers from VCs	A11 1b/NHK/CTR12/FAL
A12 1b/NHK/DF11/FAL/NC	DF	AA61NC	1.88	0.010	0.459	1.00%	5	2	0.8901	15, 10.2, 6.93, 4.72, 3.21, 2.18, 1.48, 1.01	1.47	YES			A12 1b/NHK/CTR13/FAL/SLS
1b/NHK/DF4/FAL/NC	DF	AA61NC	1.36	0.007	0.755	1.17%	4	1	0.8346	15, 10.2, 6.93, 4.72, 3.21, 2.18, 1.48, 1.01	1.47	YES			1b/NHK/CTR14/FAL/SLS

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
ATROPINE SULFATE															
IIVS															
A1	RF	AA61NE	91.6	0.132	0.544	0.93%	2	1	0.9667	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A4-N040331N
B1	DF	AA61NE	106	0.152	0.578	5.65%	5	3	0.9599	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES			SLS-B4-N040513C
B2	DF	AA61NE	64.6	0.093	0.492	0.17%	5	3	0.9862	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES			SLS-B5-N040514B
B3	DF	AA61NE	78.9	0.114	0.705	3.13%	5	3	0.9915	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES		outlier removed by SD	SLS-B6-N040716A
ECBC															
AA61KX-A1	RF	AA61KX	57.5	0.083	0.549	2.70%	3	2	0.9435	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P16
AA61KX-B1	DF	AA61KX	79.4	0.114	0.798	3.96%	4	4	0.9761	800, 372, 173, 80.5, 37.4, 17.4, 8.1, 3.8	2.15	YES			SLS-P30
AA61KX-B2	DF	AA61KX	97.5	0.140	0.673	1.08%	3	5	0.9491	800, 372, 173, 80.5, 37.4, 17.4, 8.1, 3.8	2.15	YES			SLS-P40
AA61KX-B3	DF	AA61KX	79.4	0.114	0.675	2.42%	4	2	0.9655	800, 372, 173, 80.5, 37.4, 17.4, 8.1, 3.8	2.15	YES			SLS-P42
FRAME															
FAL.NHK.FU.A1.28.07.04	RF	AA61FU	33.3	0.048	0.059	10.09%	3	3	0.7561	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.28.07.04
FAL.NHK.FU.B1.11.08.04	DF	AA61FU	202	0.291	0.809	8.32%	3	3	0.9333	10000, 4651, 2163, 1006, 468, 218, 101, 47	2.15	YES			FAL.NHK.SLS.11.08.04
FAL.NHK.FU-NB.B2.25.08.04	DF	AA61FU	80.7	0.116	1.010	3.32%	6	2	0.9459	5000, 2326, 1082, 503, 234, 109, 50.6, 23.6	2.15	YES			FAL.NHK.SLS.25.08.04
FAL.NHK.FU.B3.27.08.04	DF	AA61FU	30.4	0.044	0.526	4.53%	5	1	0.9696	5000, 2326, 1082, 503, 234, 109, 50.6, 23.6	2.15	YES			FAL.NHK.SLS.27.08.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
BORIC ACID															
IIVS															
A1	RF	AA61LD	724	11.717	0.536	2.15%	1	1	0.9101	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A4-N040331N
B1	DF	AA61LD	455	7.359	0.583	4.16%	4	4	0.9594	2500, 1563, 977, 610, 381, 238, 149, 93	1.6	YES		ppt in 1X C1	SLS-B8-N040819A
B2	DF	AA61LD	460	7.444	0.541	3.17%	4	4	0.9778	2500, 1563, 977, 610, 381, 238, 149, 93	1.6	YES		ppt in 1X C1	SLS-B9-N040820A
B3	DF	AA61LD	476	7.705	0.553	4.25%	4	4	0.9713	2500, 1563, 977, 610, 381, 238, 149, 93	1.6	YES			SLS-B10-N040903A
ECBC															
AA61JH-A1	RF	AA61JH	449	7.258	0.449	0.45%	2	2	0.9280	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P17
AA61JH-B1	DF	AA61JH	598	9.678	0.690	6.95%	4	4	0.9413	6000, 2791, 1298, 604, 281, 131, 60.7, 28.3	2.15	YES			SLS-P32
AA61JH-B2	DF	AA61JH	371	5.995	0.736	3.27%	4	3	0.9757	6000, 2791, 1298, 604, 281, 131, 60.7, 28.3	2.15	YES			SLS-P35
AA61JH-B3	DF	AA61JH	350	5.660	0.438	3.54%	4	4	0.9848	6000, 2791, 1298, 604, 281, 131, 60.7, 28.3	2.15	YES			SLS-P37
FRAME															
FAL.NHK.GR.A1.28.07.04	RF	AA61GR	1020	16.474	0.055	0.90%	1	1	0.6145	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.28.07.04
FAL.NHK.GR.B1.11.08.04	DF	AA61GR	592	9.568	0.739	0.12%	4	4	0.9157	10000, 4651, 2163, 1006, 468, 218, 101, 47	2.15	YES			FAL.NHK.SLS.11.08.04
FAL.NHK.GR-NB.B2.25.08.04	DF	AA61GR	851	13.766	0.943	0.07%	4	4	0.9741	10000, 4651, 2163, 1006, 468, 218, 101, 47	2.15	YES			FAL.NHK.SLS.25.08.04
FAL.NHK.GR.B3.27.08.04	DF	AA61GR	107	1.733	0.534	8.67%	6	2	0.9607	10000, 4651, 2163, 1006, 468, 218, 101, 47	2.15	YES			FAL.NHK.SLS.27.08.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
BUSULFAN															
IIVS															
A1	RF	AA61RL	1150	4.683	0.500	10.83%	0	3	0.5430	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder; no points between 0 - 50%		SLS-A1-N040317B
B1	DF	AA61RL	274	1.113	0.732	7.46%	2	4	0.9237	750, 417, 231, 129, 71.4, 39.7, 22.1, 12.3	1.8	YES			SLS-B12-N041022B
B2	DF	AA61RL	317	1.287	0.598	3.83%	2	5	0.9721	500, 333, 222, 148, 98.8, 65.8, 43.9, 29.3	1.5	YES			SLS-B113-N041029B
B3	DF	AA61RL	348	1.414	0.792	2.36%	2	6	0.9429	500, 333, 222, 148, 98.8, 65.8, 43.9, 29.3	1.5	YES			SLS-B14-N041030A
ECBC															
AA61LH-A1	RF	AA61LH	NA	NA	0.624	3.53%	0	7	NA	100, 10, 1, 0.1, 0.01, 0.001, 0.0001,0.00001	10	RF	range finder		SLS-P4
AA61LH-B1	DF	AA61LH	217	0.882	1.103	1.81%	1	7	0.6962	800, 372, 173, 80.5, 37.4, 17.4, 8.10, 3.77	2.15	YES		ppt in 2X C1	SLS-P47
AA61LH-B2	DF	AA61LH	211	0.856	0.792	1.88%	2	6	0.8550	800, 372, 173, 80.5, 37.4, 17.4, 8.10, 3.77	2.15	YES		ppt in 2X C1	SLS-P48
AA61LH-B3	DF	AA61LH	332	1.347	1.344	2.99%	1	7	0.6216	800, 372, 173, 80.5, 37.4, 17.4, 8.10, 3.77	2.15	YES		ppt in 2X C1	SLS-P51
FRAME															
FAL.NHK.JE.A1.13.02.03	RF	AA61JE	29.8	0.121	0.152	15.63%	1	2	0.7100	250, 25, 2.5, 0.25, 0.025, 0.0025, 0.00025	10	RF	range finder	SD rejected due to bacterial contamination in some of the plates in this test series	FAL.NHK.SLS.13.02.03
FAL.NHK.JE.A2.20.02.03	DF	AA61JE	171	0.694	0.195	6.46%	2	3	0.6939	250, 116.3, 54.1, 25.2, 11.7, 5.4, 2.5, 1.2	2.15	YES		DF since conc. series is different from A1 RF	FAL.NHK.SLS.20.02.03
FAL.NHK.JE.B1.27.02.04	DF	AA61JE	142	0.575	0.622	3.35%	2	6	0.8940	500, 233, 108, 50.3, 23.4, 10.9, 5.06, 2.35	2.15	YES			FAL.NHK.SLS.27.02.03
FAL.NHK.JE.B2.19.03.03	DF	AA61JE	490	1.988	0.573	1.40%	1	6	0.8387	500, 233, 108, 50.3, 23.4, 10.9, 5.06, 2.35	2.15	YES			FAL.NHK.SLS.19.03.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
CADMIUM II CHLORIDE															
IIVS															
A2	RF	AA61NK	2.05	0.011	0.841	4.19	2	2	0.9692	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder		SLS-A2
B1	DF	AA61NK	1.84	0.010	0.444	6.37	5	3	0.9906	10, 6.7, 4.4, 3.0, 2.0, 1.3, 0.88, 0.59	1.47	YES			SLS-B1
B2	DF	AA61NK	1.72	0.009	0.344	6.83	3	3	0.9819	10, 6.7, 4.4, 3.0, 2.0, 1.3, 0.88, 0.59	1.47	YES			SLS-B2
B3	DF	AA61NK	2.02	0.011	0.338	4.78	2	2	0.9738	10, 6.7, 4.4, 3.0, 2.0, 1.3, 0.88, 0.59	1.47	YES			SLS-B3
ECBC															
AA61KR-A1	RF	AA61KR	1.75	0.010	0.492	0.22	3	3	0.9218	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P4
AA61KR-B1	DF	AA61KR	2.31	0.013	0.918	6.16	4	3	0.9738	100, 46.5, 21.6, 10.1, 4.7, 2.2, 1.0, 0.47	2.15	YES			SLS-P8
AA61KR-B3	DF	AA61KR	3.29	0.018	0.749	0.44	2	2	0.9446	8.00, 5.44, 3.70, 2.52, 1.71, 1.17, 0.793, 0.539	1.47	YES			SLS-P12
AA61KR-B5	DF	AA61KR	1.16	0.006	0.143	12.96	2	3	0.8299	8.00, 5.44, 3.70, 2.52, 1.71, 1.17, 0.793, 0.539	1.47	YES			SLS-P15
AA61KR-B6	DF	AA61KR	2.57	0.014	0.867	2.57	3	3	0.9730	8.00, 5.44, 3.70, 2.52, 1.71, 1.17, 0.793, 0.539	1.47	YES			SLS-P16
AA61KR-B7	DF	AA61KR	1.66	0.009	0.507	6.37	3	4	0.9495	8.00, 5.44, 3.70, 2.52, 1.71, 1.17, 0.793, 0.539	1.47	YES			SLS-P18
FRAME															
FAL.NHK.JP.A1.30.07.03	RF	AA61JP	1.71	0.009	1.263	6.60	3	5	0.9364	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.NHK.SLS.30.07.03
FAL.NHK.JP.B1.07.08.03	DF	AA61JP	0.722	0.004	0.253	4.61	4	0	0.9034	12.0, 8.2, 5.6, 3.2, 2.6, 1.8, 1.2, 0.8	1.47	NO	No points between 50 & 100% viability		FAL.NHK.SLS.07.08.03
FAL.NHK.JP.B2.13.08.03	DF	AA61JP	NA	NA	0.219	9.58	0	3	NA	3.0, 2.04, 1.39, 0.94, 0.64, 0.44, 0.3, 0.2	1.47	NO	PC fails; no points between 0 - 50%; no r2;	SD rejects this assay; can't explain the variability of cell growth in the wells	FAL.NHK.SLS.13.08.03
FAL.NHK.JP.B3.23.08.03	DF	AA61JP	2.19	0.012	0.384	4.86	2	6	0.9507	5.0, 3.401, 2.314, 1.574, 1.071, 0.728, 0.496, 0.337	1.47	NO	PC fails		FAL.NHK.SLS.230803
FAL.NHK.JP.B4.28.08.03	DF	AA61JP	2.96	0.016	0.504	7.31	1	1	0.8321	5.0, 3.401, 2.314, 1.574, 1.071, 0.728, 0.496, 0.337	1.47	YES			FAL.NHK.SLS.280803
FAL.NHK.JP.B5.05.09.03	DF	AA61JP	0.553	0.003	0.180	4.62	3	2	0.8972	5.0, 3.401, 2.314, 1.574, 1.071, 0.728, 0.496, 0.337	1.47	YES			FAL.NHK.SLS.050903
FAL.NHK.JP.B6.01.10.03	DF	AA61JP	2.46	0.013	1.289	6.38	2	6	0.4951	5.0, 3.401, 2.314, 1.574, 1.071, 0.728, 0.496, 0.337	1.47	NO	low r2		FAL.NHK.SLS.01.10.03
FAL.NHK.JP.B6.15.10.03 (should be B7?)	DF	AA61JP	2.12	0.012	0.482	1.44	2	4	0.9753	5.0, 3.401, 2.314, 1.574, 1.071, 0.728, 0.496, 0.337	1.47	YES			FAL.NHK.SLS.15.10.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
CAFFEINE															
IIVS															
A1	RF	AA61JM	390	2.008	0.440	7.52%	2	3	0.9708	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A1-N040317B
B1	DF	AA61JM	565	2.909	0.489	3.92%	3	4	0.9805	10000, 4545, 2066, 939, 427, 194, 88.2, 40.1	2.2	YES			SLS-B1-N040423A
B2	DF	AA61JM	578	2.977	0.554	4.28%	4	4	0.9817	10000, 4545, 2066, 939, 427, 194, 88.2, 40.1	2.2	YES		two phase dose response curve	SLS-B2-N040424A
B3	DF	AA61JM	579	2.984	0.456	2.91%	3	3	0.9762	10000, 4545, 2066, 939, 427, 194, 88.2, 40.1	2.2	YES		ppt in 1X C2	SLS-B3-N040506A
ECBC															
AA61NU-A1	RF	AA61NU	221	1.137	0.469	5.83%	2	3	0.9546	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P3
AA61NU-B1	DF	AA61NU	1070	5.492	1.065	6.83%	1	7	0.9140	2000, 930, 433,201,93.6, 43.5, 20.2, 9.4	2.15	YES			SLS-P7
AA61NU-B2	DF	AA61NU	824	4.244	1.076	0.91%	4	4	0.9433	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	YES			SLS-P9
AA61NU-B3	DF	AA61NU	558	2.876	0.777	7.01%	4	4	0.9590	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	YES			SLS-P11
FRAME															
FAL.NHK.GW.A1.13.02.03	RF	AA61GW	340	1.753	0.189	12.28%	2	2	0.8133	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.13.02.03
FAL.NHK.GW.A2.13.02.03	DF	AA61GW	553	2.849	0.247	2.26%	3	4	0.9267	10000, 3175, 1008, 320, 102, 32.2, 10.2, 3.25	3.15	YES		DF because conc. series is different from A1 RF	FAL.NHK.SLS.20.02.03
FAL.NHK.GW.B1.27.02.04	DF	AA61GW	794	4.090	0.456	0.75%	2	2	0.9523	10000, 3175, 1008, 320, 102, 32.2, 10.2, 3.25	3.15	YES			FAL.NHK.SLS.27.02.03
FAL.NHK.GW.B3.18.03.04	DF	AA61GW	427	2.197	0.522	9.68%	3	5	0.9542	10000, 3175, 1008, 320, 102, 32.2, 10.2, 3.25	3.15	YES			FAL.NHK.SLS.18.03.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
CARBAMAZEPINE															
IIVS															
A1	RF	AA61NB	NA	NA	0.575	4.51%	0	1	NA	10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001, 0.000001	10	RF	range finder; no points between 0 - 50%		SLS-A5-N040401A
B1	DF	AA61NB	67.3	0.285	0.698	0.74%	1	7	0.9759	75.0, 46.9, 29.3, 18.3, 11.4, 7.15, 4.47, 2.79	1.6	YES			SLS-B12-N041022B
B2	DF	AA61NB	88.3	0.374	0.609	1.12%	0	5	0.8732	75.0, 46.9, 29.3, 18.3, 11.4, 7.15, 4.47, 2.79	1.6	NO	no points between 0 - 50%		SLS-B113-N041029B
B3	DF	AA61NB	57.8	0.245	0.726	1.01%	1	5	0.9378	75.0, 46.9, 29.3, 18.3, 11.4, 7.15, 4.47, 2.79	1.6	YES			SLS-B14-N041030A
B4	DF	AA61NB	66.5	0.282	0.691	8.74%	3	5	0.9237	200, 125, 78.1, 48.8, 30.5, 19.1, 11.9, 7.45	1.6	YES			SLS-B15-N041110A
ECBC															
AA61LX-A1	RF	AA61LX	40.7	0.17240	0.827	3.59%	1	4	0.9327	200, 20, 2, 0.2, 0.02, 0.002, 0.0002, 0.00002	10	RF	range finder		SLS-P19
AA61LX-B1	DF	AA61LX	56.5	0.239	0.669	1.51%	3	4	0.9784	400, 186, 86.5, 40.2, 18.7, 8.71, 4.05, 1.88	2.15	YES		ppt in 1X C1	SLS-P41
AA61LX-B2	DF	AA61LX	71.9	0.304	0.693	3.27%	3	3	0.9477	400, 186, 86.5, 40.2, 18.7, 8.71, 4.05, 1.88	2.15	YES		ppt in 2X C1 and 1X C1	SLS-P43
AA61LX-B3	DF	AA61LX	70.0	0.296	1.100	2.84%	2	5	0.9566	400, 186, 86.5, 40.2, 18.7, 8.71, 4.05, 1.88	2.15	YES		ppt in 2X C1 and 1X C1	SLS-P45
FRAME															
FAL.NHK.HD.A1.24.09.04	RF	AA61HD	594	2.515	0.292	5.56%	1	2	-0.5440	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.NHK.SLS.24.09.03
FAL.NHK.HD.B1.01.10.04	DF	AA61HD	187	0.78983	1.037	6.43%	2	5	0.9721	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	NO	PC fails		FAL.NHK.SLS.01.10.04
FAL.NHK.HD.B2.07.10.04	DF	AA61HD	58.2	0.24634	0.631	2.15%	4	4	0.9855	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES		ppt In 1X C1-C2	FAL.NHK.SLS.07.10.03
FAL.NHK.HD.B3.05.11.04	DF	AA61HD	71.3	0.30167	0.521	2.51%	4	4	0.9236	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES		ppt In 1X C1-C2	FAL.NHK.SLS.05.11.04
FAL.NHK.HD.B4.10.11.04	DF	AA61HD	628	2.65789	1.114	4.71%	3	5	0.9316	1000, 8870, 756, 658, 572, 497, 432, 376	1.15	YES		ppt In 1X C1-C2; ppt in 2X C1-C2	FAL.NHK.SLS.10.11.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
CARBON TETRACHLORIDE															
IIVS															
A1	RF	AA61JK	NA	NA	0.627	0.48%	0	0	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; no points between 0 - 100%		SLS-A2-N040320B
B1	DF	AA61JK	1540	10.023	0.679	3.90%	0	2	0.7803	2500, 1389, 772, 429, 238, 132, 73.5, 40.8	1.8	NO	no points between 0 - 50%	SD removed highest dose from Hill analyses due to ppt and upswing in response curve; ppt in 2X C1-C8	SLS-B12-N041022B
B2	DF	AA61JK	NA	NA	0.634	6.32%	0	2	NA	2500, 1389, 772, 429, 238, 132, 73.5, 40.8	1.8	NO	no points between 0 - 50%	ppt in 2X C1-C4	SLS-B113-N041029B
B3	DF	AA61JK	NA	NA	0.755	0.42%	0	1	NA	2500, 1389, 772, 429, 238, 132, 73.5, 40.8	1.8	NO	no points between 0 - 50%	ppt in 2X C1-C4	SLS-B14-N041030A
ECBC															
AA61NZ-A1	RF	AA61NZ	NA	NA	0.844	3.30%	0	3	NA	3000, 300, 30, 3, 0.3, 0.03, 0.003, 0.0003	10	RF	range finder; no points between 0 - 50%		SLS-P13
AA61NZ-B1	DF	AA61NZ	NA	NA	0.642	0.54%	0	4	NA	4500, 3719, 3074, 2540, 2099, 1735, 1434, 1185	1.21	NO	no points between 0 - 50%	ppt in 2X C1- C5	SLS-P52
AA61NZ-B2	DF	AA61NZ	NA	NA	0.770	0.36%	NA	N/A	NA	7000, 5785, 4781, 3951, 3266, 2699, 2230, 1843	1.21	NO	SD rejects	ppt in 2X C1-C5; chemical globules in 1X C1-C4; plate columns C6 and C7 show no cells were plated	SLS-P56
AA61NZ-B3	DF	AA61NZ	NA	NA	0.668	1.36%	6	1	NA	7000, 5785, 4781, 3951, 3266, 2699, 2230, 1843	1.21	NO	can't properly determine points between 0 - 100%	"roller coaster" toxicity curve; ppt in 2X C1-C8; outliers removed by SD	SLS-P59
FRAME															
FAL.NHK.HC.A1.25.04.04	RF	AA61HC	NA	NA	0.920	2.74%	0	0	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder ; no points between 0 - 100%		FAL.NHK.SLS.25.04.04
FAL.NHK.HC.B1.11.06.04	DF	AA61HC	NA	NA	1.044	2.28%	0	8	NA	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	NO	PC failed; no points between 0 - 50%		FAL.NHK.SLS.11.06.04
FAL.NHK.HC.B2.25.06.04	DF	AA61HC	1380	8.953	1.023	7.07%	0	2	0.8467	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	NO	no points between 0 - 50%		FAL.NHK.SLS.25.06.04
FAL.NHK.HC.B3.19.08.04 nb	DF	AA61HC	NA	NA	0.419	8.26%	0	7	0.0000	2500, 2066, 1708, 1411, 1166, 964, 797, 658	1.21	NO	curve unacceptable; no points between 0 - 50% would be acceptable due to 1.21 dilution	no toxicity detectedd	FAL.NHK.SLS-NB.19.08.04
FAL.NHK.HC.B4.20.08.04	DF	AA61HC	NA	NA	0.739	2.93%	0	1	0.0000	2500, 2066, 1708, 1411, 1166, 964, 797, 658	1.21	NO	curve unacceptable; no points between 0 - 50% would be acceptable due to 1.21 dilution	no toxicity detected; outliers removed by SD	FAL.NHK.SLS.20.08.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
CHLORAL HYDRATE															
IIVS															
A1	RF	AA61FJ	104	0.626	0.650	59.25%	2	1	0.9885	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; %VC difference >0	volatility problem; VC1 OD values much lower than VC2; VC1 removed from subsequent analysis by SD	SLS-A2-N040320B
B1	DF	AA61FJ	114	0.686	0.601	3.48%	5	3	0.9882	5000, 2273, 1033, 470, 213, 97.0, 44.1, 20.0	2.2	YES			SLS-B1-N040423A
B2	DF	AA61FJ	111	0.674	0.513	0.29%	5	3	0.9904	5000, 2273, 1033, 470, 213, 97.0, 44.1, 20.0	2.2	YES		used plate sealer	SLS-B2-N040424A
B3	DF	AA61FJ	111	0.672	0.517	6.49%	3	3	0.9917	5000, 2273, 1033, 470, 213, 97.0, 44.1, 20.0	2.2	YES			SLS-B3-N040506A
ECBC															
AA61KB-A1	RF	AA61KB	NA	NA	0.268	59.01%	1	0	NA	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder	probable volatility problem	SLS-P6
AA61KB-B1	DF	AA61KB	170	1.027	0.553	2.62%	3	5	0.9314	500, 340, 231, 157, 107, 72.8, 49.6, 33.7	1.47	YES			SLS-P20
AA61KB-B2	DF	AA61KB	148	0.892	0.825	2.87%	4	4	0.9619	500, 340, 231, 157, 107, 72.8, 49.6, 33.7	1.47	YES			SLS-P22
AA61KB-B3	DF	AA61KB	103	0.62153	0.394	3.13%	4	4	0.9671	500, 340, 231, 157, 107, 72.8, 49.6, 33.7	1.47	YES			SLS-P24
FRAME															
FAL.NHK.LK.A1.25.03.04	RF	AA61LK	103	0.620	0.412	65.79%	2	1	0.3337	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; %VC difference > 15	possible volatility problem	FAL.NHK.SLS.25.03.03
FAL.NHK.LK.B1.25.04.04	DF	AA61LK	NA	NA	0.039	12.80%	2	1	NA	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	NO	wrong desorb solution used in NRU; SD rejects this test		FAL.NHK.SLS.25.04.04
FAL.NHK.LK.B2.28.04.04	DF	AA61LK	142	0.860	0.825	0.16%	3	5	0.9864	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7,	2.15	YES			FAL.NHK.SLS.28.04.03
FAL.NHK.LK.B2.11.06.04 (should be B3)	DF	AA61LK	135	0.816	0.797	3.73%	3	3	0.9586	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7,	2.15	NO	PC failed		FAL.NHK.SLS.11.06.04
FAL.NHK.LK.B4.23.06.04	DF	AA61LK	215	1.299	0.970	1.58%	3	3	0.9863	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			FAL.NHK.SLS.23.06.04
FAL.NHK.LK.B5.25.06.04	DF	AA61LK	119	0.722	0.927	2.14%	3	3	0.9801	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7,	2.15	YES			FAL.NHK.SLS.25.06.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
CHLORAMPHENICOL															
IIVS															
A2	RF	AA61GJ	355	1.099	0.801	5.41%	0	2	0.6374	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder		SLS-A2
B1	DF	AA61GJ	296	0.916	0.487	7.17%	2	6	0.9691	560, 311, 173, 96, 53.3, 29.6, 16.5, 9.15	1.80	YES			SLS-B1
B2	DF	AA61GJ	351	1.086	0.358	5.44%	1	6	0.9165	560, 311, 173, 96, 53.3, 29.6, 16.5, 9.15	1.80	YES			SLS-B2
B3	DF	AA61GJ	453	1.402	0.377	0.99%	1	5	0.93	560, 311, 173, 96, 53.3, 29.6, 16.5, 9.15	1.80	YES			SLS-B3
ECBC															
AA61JS-A1	RF	AA61JS	239	0.740	0.706	3.80%	1	7	0.8464	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P4
AA61JS-B1	DF	AA61JS	252	0.780	1.175	3.03%	2	5	0.9626	2000, 930.2, 432.7, 201.2, 93.6, 43.5, 20.2, 9.4	2.15	YES			SLS-P8
AA61JS-B2	DF	AA61JS	222	0.687	0.975	0.22%	3	5	0.9452	2000, 930.2, 432.7, 201.2, 93.6, 43.5, 20.2, 9.4	2.15	YES			SLS-P10
AA61JS-B3	DF	AA61JS	481	1.488	0.767	0.14%	2	6	0.9349	2000, 930.2, 432.7, 201.2, 93.6, 43.5, 20.2, 9.4	2.15	YES			SLS-P12
FRAME															
FAL.NHK.MU.A1.30.07.03	RF	AA61MU	232	0.718	1.246	1.87%	1	6	0.8736	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.NHK.SLS.30.07.03
FAL.NHK.MU.B1.07.08.03	DF	AA61MU	160	0.495	0.187	55.29%	5	2	0.0978	2500, 1162, 541, 251, 171, 79.6, 54.1, 25.2	2.15	NO	VC difference > 15%; low r2		FAL.NHK.SLS.07.08.03
FAL.NHK.MU.B2.15.08.03	DF	AA61MU	873	2.702	0.394	6.64%	1	2	0.6646	2500, 1163, 541, 252, 117, 54, 25, 12	2.15	NO	low r2		FAL.NHK.SLS.15.08.03
FAL.NHK.MU.B3.23.08.03	DF	AA61MU	587	1.816	0.329	2.15%	2	3	0.8892	2500, 1162, 541, 251, 171, 79.6, 54.1, 25.2	2.15	NO	PC fails		FAL.NHK.SLS.230803
FAL.NHK.MU.B4.28.08.03	DF	AA61MU	476	1.473	0.472	15.82%	1	5	0.8489	2500, 1162, 541, 251, 171, 79.6, 54.1, 25.2	2.15	NO	% VC difference >15		FAL.NHK.SLS.280803
FAL.NHK.MU.B5.05.09.03	DF	AA61MU	473	1.464	0.171	10.94%	2	4	0.8686	2500, 1162, 541, 251, 171, 79.6, 54.1, 25.2	2.15	YES			FAL.NHK.SLS.050903
FAL.NHK.MU.B6.01.10.03	DF	AA61MU	173	0.535	1.304	7.20%	2	6	0.5745	2500, 1162, 541, 251, 171, 79.6, 54.1, 25.2	2.15	NO	low r2		FAL.NHK.SLS.01.10.03
FAL.NHK.MU.B6.15.10.03 (should be B7?)	DF	AA61MU	625	1.934	0.485	0.38%	2	5	0.9212	2500, 1162, 541, 251, 171, 79.6, 54.1, 25.2	2.15	YES			FAL.NHK.SLS.15.10.03
FAL.NHK.MU.B7.19.10.03	DF	AA61MU	916	2.835	0.164	2.34%	1	2	0.7152	2500, 1162, 541, 251, 171, 79.6, 54.1, 25.2	2.15	NO	low r2		FAL.NHK.SLS.19.10.03
FAL.NHK.MU.B8.23.10.03	DF	AA61MU	362	1.120	0.249	8.70%	2	5	0.8807	2500, 1162, 541, 251, 171, 79.6, 54.1, 25.2	2.15	YES			FAL.NHK.SLS.23.10.03
FAL.NHK.MU.B9.24.10.03	DF	AA61MU	194	0.600	0.861	4.38%	3	4	0.8814	2500, 1162, 541, 251, 171, 79.6, 54.1, 25.2	2.15	YES			FAL.NHK.SLS.24.10.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
CITRIC ACID															
IIVS															
A1	RF	AA61MH	298	1.551	0.413	4.09%	2	1	0.9217	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A1-N040317B
B1	DF	AA61MH	447	2.325	0.547	4.83%	4	4	0.9681	10000, 4545, 2066, 939, 427, 194, 88.2, 40.1	2.2	YES			SLS-B1-N040423A
B2	DF	AA61MH	407	2.121	0.562	0.18%	2	4	0.9655	10000, 4545, 2066, 939, 427, 194, 88.2, 40.1	2.2	YES			SLS-B2-N040424A
B3	DF	AA61MH	444	2.309	0.477	2.95%	2	5	0.9609	3000, 1667, 926, 514, 286, 159, 88.2, 49.0	1.8	YES		ppt in 1X C1-C2	SLS-B3-N040506A
ECBC															
AA61HH-A1	RF	AA61HH	295	1.54	0.511	3.95%	2	1	0.9327	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P1
AA61HH-B1	DF	AA61HH	557	2.900	1.160	3.05%	2	6	0.9595	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	YES			SLS-P7
AA61HH-B2	DF	AA61HH	589	3.065	1.191	1.62%	2	6	0.9588	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	YES			SLS-P9
AA61HH-B3	DF	AA61HH	433	2.252	0.740	2.11%	2	6	0.9690	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	YES			SLS-P11
FRAME															
FA.NH.HV.A1.11.02.04 (should be RB)	RF	AA61RB	406	2.111	1.459	3.77%	2	6	0.9700	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder	pH and color of 2X matches citric acid for 3T3	FAL.NHK.SLS.11.02.04
FAL.NHK.RB.A2.18.02.04	DF	AA61RB	362	1.886	0.210	4.13%	6	0	0.7857	10000, 4651, 2163, 1006, 468, 218, 101, 47	2.15	NO	PC fails; no points between 50-100%	this is a definitive test since conc. series is different from A1 range finder	FAL.NHK.SLS.18.02.04
FAL.NHK.RB.B1.26.02.04	DF	AA61RB	348	1.809	0.183	5.10%	3	5	0.9225	10000, 4651, 2163, 1006, 468, 218, 101, 47	2.15	YES			FAL.NHK.SLS/MO.26.02.03
FAL.NHK.RB.B2.27.02.04	DF	AA61RB	361	1.881	0.415	5.54%	4	3	0.9577	10000, 4651, 2163, 1006, 468, 218, 101, 47	2.15	YES		ppt detected in C1-C3 at end of test	FAL.NHK.SLS.27.02.04
FAL.NHK.RB.B3.18.03.04	DF	AA61RB	288	1.501	0.361	12.24%	4	3	0.9324	5000, 2326, 1082, 503, 234, 109, 50.6, 23.5	2.15	YES			FAL.NHK.SLS.18.03.03
FAL.NHK.RB.B4.19.03.04	DF	AA61RB	251	1.308	0.510	2.65%	4	4	0.9369	5000, 2326, 1082, 503, 234, 109, 50.6, 23.5	2.15	YES			FAL.NHK.SLS.19.03.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
COLCHICINE															
IIVS															
A2	RF	AA61FL	3.94	0.010	0.705	0.78%	4	3	0.4952	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A2
B1	DF	AA61FL	0.00184	0.0000046	0.384	4.49%	8	0	0.6346	1.0, 0.56, 0.31, 0.17, 0.095, 0.053, 0.029, 0.016	1.8	NO	No points 50-100%; low R2		SLS-B1
B2	DF	AA61FL	0.000675	0.0000017	0.289	9.86%	8	0	0.5984	1.0, 0.56, 0.31, 0.17, 0.095, 0.053, 0.029, 0.016	1.8	NO	No points 50-100%; low R2		SLS-B2
B3	DF	AA61FL	0.0000306	0.0000001	0.335	7.90%	8	0	0.3037	1.0, 0.56, 0.31, 0.17, 0.095, 0.053, 0.029, 0.016	1.8	NO	No points 50-100%; low R2		SLS-B3
B4	DF	AA61FL	0.0215	0.0000538	0.2	4.67%	5	0	0.7647	1.0, 0.313, 0.098, 0.031, 0.0095, 0.0030, 0.00093, 0.00029	3.19	NO	No points 50-100%; low R2		SLS-B4
B7	DF	AA61FL	0.000733	0.0000018	0.624	0.50%	6	2	0.06259	0.03, 0.02, 0.013, 0.0089, 0.0059, 0.0040, 0.0026, 0.0018	1.5	NO	Low R2		SLS-B7
B8* Hill function w/unconstrained bottom	DF	AA61FL	0.00507	0.0000127	0.677	4.22%	1	5	0.4741	0.1, 0.056, 0.031, 0.017, 0.0095, 0.0053, 0.0029,0.0016	1.8	NO	PC fails	slow NHK growth; media problems	SLS-B8
B9* Hill function w/unconstrained bottom	DF	AA61FL	0.00506	0.0000127	0.598	3.21%	0	6	0.5162	0.1, 0.056, 0.031, 0.017, 0.0095, 0.0053, 0.0029,0.0016	1.8	NO	PC fails; no points between 0 - 50%	slow NHK growth; media problems	SLS-B9
B10* Hill function w/unconstrained bottom	DF	AA61FL	NA	NA	0.44	22.49%	0	7	0.6108	0.1, 0.056, 0.031, 0.017, 0.0095, 0.0053, 0.0029,0.0016	1.8	NO	PC fails; no points between 0 - 50%; low r2; %VC difference > 15	slow NHK growth; media problems	SLS-B10
B11* Hill function w/unconstrained bottom	DF	AA61FL	0.00609	0.0000152	0.436	4.74%	5	1	0.8455	0.1, 0.056, 0.031, 0.017, 0.0095, 0.0053, 0.0029,0.0016	1.8	NO	PC fails	slow NHK growth; media problems	SLS-B11
B12* Hill function w/unconstrained bottom	DF	AA61FL	0.00927	0.0000232	0.727	5.52%	3	3	0.7899	0.045, 0.030, 0.020, 0.0133, 0.0089, 0.0059, 0.0040, 0.0026	1.5	YES		morning (a.m.) harvest; SMT accepts this test	SLS-B12
B13* Hill function w/unconstrained bottom	DF	AA61FL	0.00892	0.0000223	0.237	1.66%	5	1	0.9513	0.045, 0.030, 0.020, 0.0133, 0.0089, 0.0059, 0.0040, 0.0026	1.5	YES		afternoon (p.m.) harvest	SLS-B13
B14* Hill function w/unconstrained bottom	DF	AA61FL	0.00617	0.0000154	0.351	8.77%	5	1	0.9223	0.045, 0.030, 0.020, 0.0133, 0.0089, 0.0059, 0.0040, 0.0026	1.5	YES			SLS-B14
B15* Hill function w/unconstrained bottom	DF	AA61FL	0.00571	0.0000143	0.276	4.29%	5	2	0.873	0.045, 0.030, 0.020, 0.0133, 0.0089, 0.0059, 0.0040, 0.0026	1.5	NO	PC fails		SLS-B15
ECBC															
AA61JZ-A1	RF	AA61JZ	NA	NA	0.326	23.32%	5	2	0.0097	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	low r2; couldn't calc. ICx values; range finder	range finder	SLS-P3
AA61JZ-A2	RF	AA61JZ	NA	NA	0.202	3.41%	6	2	NA	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	NO	no r2 nor ICx values could be calculated	range finder	SLS-P5
AA61JZ-B1	DF	AA61JZ	557	1.394	0.770	0.63%	4	4	0.9016	10000, 4651.2, 2163.3, 1006.2, 468, 217.7, 101.2, 47.1	2.15	NO	PC fails		SLS-P11
AA61JZ-B2	DF	AA61JZ	817	2.045	0.099	1.01%	3	4	0.9437	10000, 4651.2, 2163.3, 1006.2, 468, 217.7, 101.2, 47.1	2.15	NO	PC fails		SLS-P13
AA61JZ-B3	DF	AA61JZ	0.017	0.00004	0.089	9.22%	1	2	0.4165	0.02140, 0.00995, 0.00463, 0.00215, 0.001, 0.00046, 0.00022, 0.0001	2.15	NO	PC fails; low r2		SLS-P13
AA61JZ-B4	DF	AA61JZ	0.012	0.00003	0.089	9.29%	2	3	0.5530	0.0200, 0.0136, 0.0093, 0.0063, 0.0043, 0.0029, 0.0020, 0.0014	1.47	NO	low r2		SLS-P15
AA61JZ-B5	DF	AA61JZ	0.003	0.00001	0.884	5.21%	5	3	0.8528	0.0200, 0.0136, 0.0093, 0.0063, 0.0043, 0.0029, 0.0020, 0.0014	1.47	YES			SLS-P16

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
AA61JZ-B6	DF	AA61JZ	0.011	0.00003	0.494	4.09%	3	2	0.7228	0.0200, 0.0136, 0.0093, 0.0063, 0.0043, 0.0029, 0.0020, 0.0014	1.47	YES			SLS-P18
AA61JZ-B7	DF	AA61JZ	0.009	0.00002	0.687	1.01%	4	3	0.7162	0.0200, 0.0136, 0.0093, 0.0063, 0.0043, 0.0029, 0.0020, 0.0014	1.47	YES			SLS-P19
FRAME															
FAL.NHK.NW.A1.010803	RF	AA61NW	0.198	0.00050	0.305	17.20%	5	3	0.6953	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001		RF	range finder	SD says toxicity biphasic; chemical may be volatile	FAL.NHK.SLS.010803
FAL.NHK.NW.B1.080803	DF	AA61NW	0.024	0.00006	0.713	705.50%	7	1	0.6233	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001		NO	RF format	high background; biphasic response; determined ICx values with only 3 points	FAL.NHK.SLS.07.08.03
FAL.NHK.NW.B2.15.08.03	DF	AA61NW	1.00	0.00250	0.510	4.47%	6	1	0.5677	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001		NO	RF format; low r2	biphasic response	FAL.NHK.SLS.15.08.03
FAL.NHK.NW.B3.19.10.03	DF	AA61NW	0.008	0.00002	0.312	8.59%	4	2	0.8637	0.100, 0.047, 0.022, 0.01006, 0.00468, 0.00218, 0.00101, 0.00047		YES			FAL.NHK.SLS.19.10.03
FAL.NHK.NW.B4.23.10.03	DF	AA61NW	0.007	0.00002	0.340	0.96%	4	1	0.9166	0.100, 0.047, 0.022, 0.01006, 0.00468, 0.00218, 0.00101, 0.00047		YES			FAL.NHK.SLS.23.10.03
FAL.NHK.NW.B5.24.10.03	DF	AA61NW	0.008	0.00002	0.974	0.55%	4	4	0.8869	0.100, 0.047, 0.022, 0.01006, 0.00468, 0.00218, 0.00101, 0.00047		YES			FAL.NHK.SLS.24.10.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
CUPRIC SULFATE PENTAHYDRATE															
IIVS															
A1	RF	AA61LA	NA	NA	0.643	3.80%	0	2	NA	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder; no points between 0 - 50%		SLS-A2-N040320B
B1	DF	AA61LA	213	0.854	0.646	5.61%	3	3	0.9907	750, 536, 383, 273, 195, 139, 99.6, 71.1	1.4	YES		ppt in 2X C1 (homogeneous blue suspension); ppt in 1X C1-C8	SLS-B12-N041022B
B2	DF	AA61LA	199	0.797	0.583	1.02%	3	3	0.9957	750, 536, 383, 273, 195, 139, 99.6, 71.1	1.4	YES		ppt in 2X C1; ppt in 1X C1-C8	SLS-B113-N041029B
B3	DF	AA61LA	208	0.833	0.675	1.17%	3	3	0.9811	750, 536, 383, 273, 195, 139, 99.6, 71.1	1.4	YES		ppt in 2X C1; ppt in 1X C1-C8	SLS-B14-N041030A
ECBC															
AA61HX-A1	RF	AA61HX	NA	NA	0.487	1.42%	0	1	NA	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder		SLS-P6
AA61HX-B1	DF	AA61HX	195	0.783	0.880	2.81%	6	1	0.9370	500, 413, 342, 282, 233, 193, 159, 132	1.21	YES			SLS-P47
AA61HX-B2	DF	AA61HX	168	0.672	0.675	3.43%	6	2	0.9871	500, 413, 342, 282, 233, 193, 159, 132	1.21	YES			SLS-P48
AA61HX-B3	DF	AA61HX	206	0.823	1.320	1.52%	5	3	0.9814	500, 413, 342, 282, 233, 193, 159, 132	1.21	YES			SLS-P50
FRAME															
FAL.NHK.LP.A1.20.10 .04	RF	AA61LP	8.41	0.034	0.998	4.10%	3	0	0.9793	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder ; no points between 50 - 100%	outlier removed by SD	FAL.NHK.SLS.20.10.04
FAL.NHK.LP.B1.29.10.04	DF	AA61LP	NA	NA	0.545	7.44%	0	1	NA	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	NO	no points between 0 - 50%		FAL.NHK.SLS.29.10.04
FAL.NHK.LP.B2.10.11.04	DF	AA61LP	189	0.756	1.026	0.20%	5	3	0.9474	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	YES		outliers removed by SD	FAL.NHK.SLS.10.11.04
FAL.NHK.LP.B3.12.11.04	DF	AA61LP	186	0.746	0.696	6.80%	2	1	0.9794	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES			FAL.NHK.SLS.12.11.04
FAL.NHK.LP.B4.17.11.04	DF	AA61LP	209	0.837	0.999	3.03%	2	1	0.9822	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES			FAL.NHK.SLS.17.11.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
CYCLOHEXIMIDE															
IIVS															
A1	RF	AA61GL	0.0589	0.0002	0.518	2.80%	5	1	0.9832	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A4-N040331N
B1	DF	AA61GL	0.0753	0.0003	0.534	1.79%	4	3	0.9783	1.00, 0.455, 0.207, 0.094, 0.043, 0.019, 0.0088, 0.0040	2.2	YES			SLS-B4-N040513C
B2	DF	AA61GL	0.0566	0.0002	0.499	1.72%	4	4	0.9931	1.00, 0.455, 0.207, 0.094, 0.043, 0.019, 0.0088, 0.0040	2.2	YES			SLS-B5-N040514B
B3	DF	AA61GL	0.0822	0.0003	0.712	3.28%	4	2	0.9858	1.00, 0.455, 0.207, 0.094, 0.043, 0.019, 0.0088, 0.0040	2.2	YES			SLS-B6-N040716A
ECBC															
AA61KK-A1	RF	AA61KK	0.0441	0.0002	0.456	2.74%	6	1	0.9660	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P17
AA61KK-B1	DF	AA61KK	0.0558	0.0002	0.737	3.19%	4	4	0.9741	1.00, 0.465, 0.216, 0.101, 0.047, 0.022, 0.010, 0.0005	2.15	YES			SLS-P33
AA61KK-B2	DF	AA61KK	0.0634	0.0002	0.823	3.39%	4	4	0.9764	1.00, 0.465, 0.216, 0.101, 0.047, 0.022, 0.010, 0.005	2.15	YES			SLS-P35
AA61KK-B3	DF	AA61KK	0.0401	0.0001	0.418	6.74%	5	3	0.9655	1.00, 0.465, 0.216, 0.101, 0.047, 0.022, 0.010, 0.005	2.15	YES			SLS-P36
FRAME															
FAL.NHK.PF.A1.28.07.04	RF	AA61PF	0.0873	0.0003	0.042	0.79%	4	2	0.8106	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.28.07.04
FAL.NHK.PF.B1.12.08.04	DF	AA61PF	0.432	0.0015	0.862	1.46%	6	2	0.9511	100, 31.6, 10.0, 3.17, 1.00, 0.317, 0.100, 0.0318	3.16	NO	PC fails		FAL.NHK.SLS.12.08.04
FAL.NHK.PF-NB.B2.25.08.04	DF	AA61PF	0.0675	0.0002	1.104	1.57%	7	1	0.9690	100, 31.6, 10.0, 3.17, 1.00, 0.317, 0.100, 0.0318	3.16	YES			FAL.NHK.SLS.25.08.04
FAL.NHK.PF.B3.20.10 .04	DF	AA61PF	0.2285	0.0010	1.179	5.59%	5	3	0.9771	10.0, 4.65, 2.16, 1.01, 0.468, 0.218, 0.101, 0.047	2.15	YES			FAL.NHK.SLS.20.10.04
FAL.NHK.PF.B4.29.10.04	DF	AA61PF	NA	0.0000	0.507	2.36%	8	0	0.9378	10.0, 4.65, 2.16, 1.01, 0.468, 0.218, 0.101, 0.047	2.15	NO	no points between 50 - 100%	toxicity curve doesn't go above 20% viability	FAL.NHK.SLS.29.10.04
FAL.NHK.PF.B5.05.11.04	DF	AA61PF	NA	NA	0.475	3.35%	6	0	NA	10.0, 4.65, 2.16, 1.01, 0.468, 0.218, 0.101, 0.047	2.15	NO	no points between 50 - 100%		FAL.NHK.SLS.05.11.04
FAL.NHK.PF.B6.12.11.04	DF	AA61PF	0.0647	0.0002	0.725	2.10%	4	4	0.9513	1.00, 0.47, 0.22, 0.10, 0.05, 0.02, 0.010, 0.0047	2.15	YES			FAL.NHK.SLS.12.11.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
DIBUTYL PHTHALATE															
IIVS															
A1	RF	AA61FD	25.2	0.090	0.684	8.39%	2	1	0.9676	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 1X C1-C2; ppt in 2X C1-C2	SLS-A3-N040331A
B1	DF	AA61FD	23.2	0.083	0.562	2.55%	5	3	0.9704	1000, 455, 207, 93.9, 42.7, 19.4, 8.82, 4.01	2.2	YES		ppt in 1X C1-C4; ppt in 2X C1-C5	SLS-B1-N040423A
B2	DF	AA61FD	22.3	0.080	0.613	1.33%	3	3	0.9866	1000, 455, 207, 93.9, 42.7, 19.4, 8.82, 4.01	2.2	YES		ppt in 1X C1-C5; ppt in 2X C1-C5	SLS-B2-N040424A
B3	DF	AA61FD	20.6	0.074	0.515	7.46%	4	4	0.9634	200, 111, 61.7, 34.3, 19.1, 10.6, 5.88, 3.27	1.8	YES		ppt in 1X C1-C4; ppt in 2X C1-C4	SLS-B3-N040506A
ECBC															
AA61JX-A1	RF	AA61JX	26.8	0.096	0.892	1.40%	2	2	0.9594	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C2	SLS-P15
AA61JX-B1	DF	AA61JX	34.0	0.122	0.957	0.03%	3	5	0.9281	200, 93.0, 43.3, 20.1, 9.4, 4.4, 2.0, 0.9	2.15	YES			SLS-P46
AA61JX-B2	DF	AA61JX	19.6	0.071	0.698	0.13%	3	5	0.9518	200, 93.0, 43.3, 20.1, 9.4, 4.4, 2.0, 0.9	2.15	YES		ppt in 2X C2; 1X C1-C3 has small chunks-possibly chemical crystals	SLS-P49
AA61JX-B3	DF	AA61JX	31.2	0.112	1.251	5.20%	3	4	0.9461	200, 93.0, 43.3, 20.1, 9.4, 4.4, 2.0, 0.9	2.15	YES		chunks of chemical in 1X C1-C3; ppt in 2X C4	SLS-P51
FRAME															
FAL.NHK.MK.A1.14.05.04	RF	AA61MK	152	0.546	0.692	8.77%	1	1	0.7744	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 1X C1	FAL.NHK.SLS.14.05.03
FAL.NHK.MK.B1.19.08.04 nb	DF	AA61MK	NA	NA	0.342	2.58%	8	0	0.0000	2000, 1361, 926, 630, 428, 291, 198, 135	1.47	NO	no points between 50 - 100%	ppt in 1X C1-C8	FAL.NHK.SLS-NB.19.08.04
FAL.NHK.MK-RB.B2.25.08.04	DF	AA61MK	17.5	0.063	0.972	4.85%	4	4	0.9053	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES			FAL.NHK.SLS-RB.20.08.04
FAL.NHK.MK.B3.07.10.04	DF	AA61MK	39.7	0.143	0.602	7.72%	4	4	0.9531	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES		ppt in 1X C1-C5	FAL.NHK.SLS.07.10.03
FAL.NHK.MK.B4.20.10 .04	DF	AA61MK	84.9	0.305	1.289	5.24%	3	3	0.9716	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES		ppt in 1X C1-C4	FAL.NHK.SLS.20.10.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
DICHLORVOS															
IIVS															
A1	RF	AA61NP	12.6	0.057	0.702	59.99%	2	1	0.9650	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; % VC difference > 15	volatility problem; VC1 OD values much lower than VC2; VC1 removed from subsequent analysis by SD	SLS-A3-N040331A
B1	DF	AA61NP	12.1	0.055	0.599	10.60%	5	3	0.9934	500, 227,103, 47.0, 21.3, 9.70, 4.41, 2.00	2.2	YES			SLS-B1-N040423A
B2	DF	AA61NP	11.9	0.054	0.627	7.89%	4	3	0.9912	500, 227,103, 47.0, 21.3, 9.70, 4.41, 2.00	2.2	YES		used plate sealer	SLS-B2-N040424A
B3	DF	AA61NP	12.7	0.057	0.581	1.03%	4	2	0.9802	200, 90.9, 41.3, 18.8, 8.54, 3.88, 1.76, 0.802	2.2	YES		used plate sealer	SLS-B3-N040506A
ECBC															
AA61PZ-A1	RF	AA61PZ	NA	NA	0.532	72.53%	1	2	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P15
AA61PZ-B1(sealer)	DF	AA61PZ	8.44	0.038	0.631	6.94%	4	4	0.9304	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P32
AA61PZ-B2 (sealer)	DF	AA61PZ	10.9	0.049	0.860	3.50%	3	5	0.9861	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P34
AA61PZ-B3 (sealer)	DF	AA61PZ	6.35	0.029	0.381	4.51%	4	4	0.9428	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P36
FRAME															
FAL.NHK.HS.A1.14.05.04	RF	AA61HS	9.55	0.043	0.391	72.35%	3	0	0.4969	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; %VC difference > 0; no points between 50 - 100%	volatility problem	FAL.NHK.SLS.14.05.03
FAL.NHK.HS.B1.25.06.04	DF	AA61HS	13.2	0.060	1.094	9.37%	2	3	0.9630	50.0, 23.3, 10.8, 5.03, 2.34, 1.09, 0.506, 0.235	2.15	YES			FAL.NHK.SLS.25.06.04
FAL.NHK.HS.B2.12.08.04	DF	AA61HS	18.9	0.085	0.677	5.08%	2	2	0.6304	50.0, 23.3, 10.8, 5.03, 2.34, 1.09, 0.506, 0.235	2.15	NO	PC fails		FAL.NHK.SLS.12.08.04
FAL.NHK.HS.B3.19.08.04 nb	DF	AA61HS	NA	NA	0.510	1.27%	0	7	0.0466	50.0, 23.3, 10.8, 5.03, 2.34, 1.09, 0.506, 0.235	2.15	NO	no points between 0 - 50%	no toxicity detected; SD removed column of data; odd toxicity curve	FAL.NHK.SLS-NB.19.08.04
FAL.NHK.HS-RB.B4.25.08.04	DF	AA61HS	15.7	0.071	0.773	1.27%	2	1	0.6376	50.0, 23.3, 10.8, 5.03, 2.34, 1.09, 0.506, 0.235	2.15	YES			FAL.NHK.SLS-RB.20.08.04
FAL.NHK.HS.B5.27.08.04	DF	AA61HS	8.35	0.038	0.506	9.96%	2	6	0.8021	50.0, 23.3, 10.8, 5.03, 2.34, 1.09, 0.506, 0.235	2.15	YES			FAL.NHK.SLS.27.08.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
DIETHYL PHTHALATE															
IIVS															
A1	RF	AA61NX	116	0.523	0.556	0.99%	1	1	0.8983	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1-C2	SLS-A4-N040331N
B1	DF	AA61NX	192	0.863	0.570	3.77%	3	4	0.9757	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES			SLS-B4-N040513C
B2	DF	AA61NX	221	0.996	0.505	1.47%	3	3	0.9758	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES		ppt in 2X C1	SLS-B5-N040514B
B3	DF	AA61NX	155	0.695	0.790	6.15%	3	3	0.9904	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES			SLS-B6-N040716A
ECBC															
AA61GA-A1	RF	AA61GA	122	0.551	0.898	5.79%	1	3	0.9642	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1	SLS-P14
AA61GA-B1	DF	AA61GA	168	0.757	1.039	5.26%	2	4	0.9636	800, 372, 173, 80.5, 37.4, 17.4, 8.1, 3.8	2.15	YES			SLS-P27
AA61GA-B2	DF	AA61GA	163	0.732	0.920	1.89%	3	2	0.9498	800, 372, 173, 80.5, 37.4, 17.4, 8.1, 3.8	2.15	YES		ppt in 2X C1-C2	SLS-P29
AA61GA-B3	DF	AA61GA	190	0.854	0.776	1.33%	2	3	0.9633	800, 372, 173, 80.5, 37.4, 17.4, 8.1, 3.8	2.15	YES		ppt in 2X C1-C2; oily	SLS-P30
FRAME															
FAL.NHK.KZ.A1.28.07.04	RF	AA61KZ	124	0.560	0.079	10.77%	1	1	0.6487	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.NHK.SLS.28.07.04
FAL.NHK.KZ.B1.11.08.04	DF	AA61KZ	27.7	0.125	0.765	6.15%	1	2	0.9160	2000, 930, 433, 201, 94, 44, 20, 9	2.15	YES		ppt in 2X C1-C4 and 1X C1-C4	FAL.NHK.SLS.11.08.04
FAL.NHK.KZ.B2.08.10.04	DF	AA61KZ	147	0.660	0.737	18.98%	2	5	0.9382	500, 233, 108, 50.3, 23.4, 10.9, 5.06, 2.35	2.15	NO	% VC difference > 15	volatility issue; incorrect solvent listed in Addendum III; SD corrected	FAL.NHK.SLS.08.10.03
FAL.NHK.KZ.B3.22.10.04	DF	AA61KZ	149	0.670	0.731	9.65%	2	4	0.9568	500, 233, 108, 50.3, 23.4, 10.9, 5.06, 2.35	2.15	YES			FAL.NHK.SLS.22.10.04 (MO)
FAL.NHK.KZ.B4.28.10.04	DF	AA61KZ	37.9	0.171	0.650	11.96%	4	4	0.9425	500, 233, 108, 50.3, 23.4, 10.9, 5.06, 2.35	2.15	YES			FAL.NHK.SLS.28.10.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
DIGOXIN															
IIVS															
A1	RF	AA61MF	0.00075	0.0000010	0.695	0.29%	7	0	0.9294	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; no points between 50 - 100%	ppt in 1X C1 and 2X C1	SLS-A3-N040331A
B1	DF	AA61MF	0.00390	0.0000050	0.575	3.87%	3	1	0.9597	0.020, 0.0091, 0.0041, 0.0019, 0.00085, 0.00039, 0.00018, 0.000080	2.2	YES			SLS-B4-N040513C
B2	DF	AA61MF	0.00374	0.0000048	0.543	0.21%	3	1	0.9615	0.020, 0.0091, 0.0041, 0.0019, 0.00085, 0.00039, 0.00018, 0.000080	2.2	YES		outlier removed by SD	SLS-B5-N040514B
B3	DF	AA61MF	0.00431	0.0000055	0.804	1.90%	2	3	0.9848	0.020, 0.0091, 0.0041, 0.0019, 0.00085, 0.00039, 0.00018, 0.000080	2.2	YES			SLS-B6-N040716A
ECBC															
AA61PP-A1	RF	AA61PP	0.00865	0.0000111	1.002	8.88%	5	0	0.9920	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; no points between 50 - 100%	ppt in 1X C1 and 2X C1	SLS-P13
AA61PP-B1	DF	AA61PP	0.00518	0.0000066	0.864	4.37%	4	4	0.9591	0.100, 0.0465, 0.0216, 0.0101, 0.0047, 0.0022, 0.0010, 0.0005	2.15	YES			SLS-P33
AA61PP-B2	DF	AA61PP	0.00615	0.0000079	0.890	1.28%	4	4	0.9932	0.100, 0.0465, 0.0216, 0.0101, 0.0047, 0.0022, 0.0010, 0.0005	2.15	YES			SLS-P35
AA61PP-B3	DF	AA61PP	0.00481	0.0000062	0.477	0.96%	5	2	0.9770	0.100, 0.0465, 0.0216, 0.0101, 0.0047, 0.0022, 0.0010, 0.0005	2.15	YES			SLS-P37
FRAME															
FAL.NHK.HN.A1.14.05.04	RF	AA61HN	0.00002	0.0000000	0.756	7.58%	5	0	0.9437	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	outlier removed by SD; ppt in 1X C1-C2	FAL.NHK.SLS.14.05.03
FAL.NHK.HN.B1.25.06.04	DF	AA61HN	0.00006	0.0000001	1.205	0.03%	4	3	0.9543	0.0010000, 0.0004651, 0.0002163, 0.0001006, 0.0000468, 0.0000218, 0.0000101, 0.0000047	2.15	YES			FAL.NHK.SLS.25.06.04
FAL.NHK.HN.B2.20.08.04	DF	AA61HN	0.00006	0.0000001	0.845	3.03%	4	3	0.9762	0.0010000, 0.0004651, 0.0002163, 0.0001006, 0.0000468, 0.0000218, 0.0000101, 0.0000047	2.15	YES		row C data removed by SD; most of wells were outliers	FAL.NHK.SLS.20.08.04
FAL.NHK.HN.B3.27.08.04	DF	AA61HN	0.00003	0.0000000	0.404	5.62%	5	3	0.9091	0.0010000, 0.0004651, 0.0002163, 0.0001006, 0.0000468, 0.0000218, 0.0000101, 0.0000047	2.15	YES			FAL.NHK.SLS.27.08.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
DIMETHYLFORMAMIDE															
IIVS															
A1	RF	AA61FN	5750	78.720	0.495	3.49%	1	1	0.8849	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A5-N040401A
B1	DF	AA61FN	6180	84.544	0.553	1.90%	3	4	0.9725	15000, 10714, 7653, 5466, 3905, 2789, 1992, 1423	1.4	YES		ppt in 1X C1	SLS-B8-N040819A
B2	DF	AA61FN	6580	89.967	0.543	5.48%	3	3	0.9801	15000, 10714, 7653, 5466, 3905, 2789, 1992, 1423	1.4	YES		ppt in 1X C1	SLS-B9-N040820A
B3	DF	AA61FN	6430	87.919	0.544	0.29%	3	3	0.9823	15000, 10714, 7653, 5466, 3905, 2789, 1992, 1423	1.4	YES			SLS-B10-N040903A
ECBC															
AA61MW-A1	RF	AA61MW	NA	NA	0.773	5.14%	1	0	NA	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; no points between 50 - 100%		SLS-P19
AA61MW-B1	DF	AA61MW	9350	127.962	0.595	0.67%	2	4	0.9730	30000, 20408, 13883, 9444, 6425, 4371, 2973, 2023	1.47	YES			SLS-P40
AA61MW-B2	DF	AA61MW	9510	130.042	0.722	1.78%	3	4	0.9847	30000, 20408, 13883, 9444, 6425, 4371, 2973, 2023	1.47	YES			SLS-P42
AA61MW-B3	DF	AA61MW	9200	125.916	0.961	1.49%	2	4	0.9788	30000, 20408, 13883, 9444, 6425, 4371, 2973, 2023	1.47	YES			SLS-P44
FRAME															
FAL.NHK.KF.A1.24.09.04	RF	AA61KF	1940	26.551	0.501	2.32%	1	1	0.3487	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.24.09.03
FAL.NHK.KF.B1.01.10.04	DF	AA61KF	7690	105.216	0.990	2.68%	1	7	0.9741	15000, 6977, 3245, 1509, 702, 327, 152, 70.6	2.15	NO	PC fails		FAL.NHK.SLS.01.10.04
FAL.NHK.KF.B2.10.11.04	DF	AA61KF	7930	108.413	1.031	2.19%	1	4	0.9290	15000, 6977, 3245, 1509, 702, 327, 152, 70.6	2.15	YES		ppt In 2X C1-C5	FAL.NHK.SLS.10.11.04
FAL.NHK.KF.B3.12.11.04	DF	AA61KF	6040	82.620	0.668	16.78%	1	2	0.8929	15000, 6977, 3245, 1509, 702, 327, 152, 70.6	2.15	NO	%VC difference >15	outliers removed bySD	FAL.NHK.SLS.12.11.04
FAL.NHK.KF.B4.17.11.04	DF	AA61KF	7780	106.435	1.146	1.64%	1	2	0.9281	15000, 6977, 3245, 1509, 702, 327, 152, 70.6	2.15	YES			FAL.NHK.SLS.17.11.04
FAL.NHK.KF.B5.19.11.04	DF	AA61KF	7740	105.946	0.465	5.14%	1	2	0.8514	15000, 6977, 3245, 1509, 702, 327, 152, 70.6	2.15	YES		outliers removed bySD	FAL.NHK.SLS.19.11.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
DIQUAT DIBROMIDE MONOHYDRATE															
IIVS															
A1	RF	AA61GN	5.71	0.016	0.711	0.12%	4	2	0.9904	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A3-N040331A
B1	DF	AA61GN	4.10	0.011	0.570	1.86%	6	2	0.9823	100, 55.6, 30.9, 17.1, 9.53, 5.29, 2.94, 1.63	1.8	YES			SLS-B4-N040513C
B2	DF	AA61GN	3.49	0.010	0.513	5.54%	6	2	0.9793	100, 55.6, 30.9, 17.1, 9.53, 5.29, 2.94, 1.63	1.8	YES			SLS-B5-N040514B
B3	DF	AA61GN	3.92	0.011	0.652	0.15%	4	2	0.9871	100, 55.6, 30.9, 17.1, 9.53, 5.29, 2.94, 1.63	1.8	YES			SLS-B6-N040716A
ECBC															
AA61KS-A1	RF	AA61KS	3.04	0.008	0.862	7.32%	4	4	0.9730	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P14
AA61KS-B1	DF	AA61KS	3.62	0.010	0.671	2.01%	5	3	0.9904	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P33
AA61KS-B2	DF	AA61KS	4.40	0.012	0.570	0.19%	5	2	0.9601	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P34
AA61KS-B3	DF	AA61KS	2.75	0.008	0.361	4.41%	5	3	0.9603	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P36
FRAME															
FAL.NHK.NV.A1.14.05.04	RF	AA61NV	3.88	0.011	0.640	4.87%	4	1	0.9854	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.14.05.03
FAL.NHK.NV.B1.12.08.04	DF	AA61NV	7.22	0.020	0.899	3.27%	6	2	0.9571	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	NO	PC fails	row of data removed from analysis by the SD due to low cell growth	FAL.NHK.SLS.12.08.04
FAL.NHK.NV.B2.19.08.04 rb	DF	AA61NV	43.3	0.119	0.271	2.15%	4	1	0.7846	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	NO	PC fails		FAL.NHK.SLS-RB.19.08.04
FAL.NHK.NV.B3.20.08.04	DF	AA61NV	6.09	0.017	0.762	8.68%	6	2	0.9750	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES		row C data removed by SD; several wells were outliers	FAL.NHK.SLS.20.08.04
FAL.NHK.NV-RB.B4.25.08.04	DF	AA61NV	11.9	0.033	0.583	7.52%	5	3	0.9780	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES			FAL.NHK.SLS-RB.20.08.04
FAL.NHK.NV.B5.27.08.04	DF	AA61NV	0.812	0.002	0.493	3.41%	7	0	0.8924	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	NO	no points between 50 - 100%		FAL.NHK.SLS.27.08.04
FAL.NHK.NV.30.09.04	DF	AA61NV	2.97	0.008	0.677	0.21%	5	3	0.9830	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			FAL.NHK.SLS.30.09.03
FAL.NHK.NV.B7.07.10.04	DF	AA61NV	6.13	0.017	0.665	1.98%	4	4	0.9794	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			FAL.NHK.SLS.07.10.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
DISULFOTON															
IIVS															
A1	RF	AA61FC	140	0.509	0.559	3.49%	1	2	0.5182	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C2	SLS-A4-N040331N
B1	DF	AA61FC	176	0.641	0.619	10.61%	4	4	0.9647	2000, 909, 413, 188, 85.4, 38.8, 17.6, 8.02	2.2	YES		ppt in 1X C1-C5; ppt in 2X C1-C7; visual observations of the cells are different from the NRU viability results.	SLS-B12-N041022B
B2	DF	AA61FC	133	0.486	0.566	5.12%	4	4	0.9650	2000, 909, 413, 188, 85.4, 38.8, 17.6, 8.02	2.2	YES		ppt in 1X C1-C6; ppt in 2X C1-C6;	SLS-B113-N041029B
B3	DF	AA61FC	250	0.911	0.668	3.22%	3	5	0.9138	2000, 909, 413, 188, 85.4, 38.8, 17.6, 8.02	2.2	YES		ppt in 1X C1-C5; ppt in 2X C1-C6;	SLS-B14-N041030A
ECBC															
AA61NY-A1	RF	AA61NY	NA	NA	0.798	10.85%	1	3	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C2	SLS-P39
AA61NY-B1	DF	AA61NY	139	0.508	0.623	2.86%	2	5	0.8924	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES		ppt in 2X C1-C4	SLS-P55
AA61NY-B2a	DF	AA61NY	167	0.610	0.781	1.34%	1	6	0.8173	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES		chem. pieces C1-C4 in 96-well plate; ppt in 2X C1-C2; C1 toxicity < C2; curve rises; SD originally failed test; good toxicity curve when C1 removed by SD	SLS-P56
AA61NY-B3	DF	AA61NY	NA	NA	0.533	0.92%	0	8	NA	300, 204, 139, 94, 64, 44, 30, 20	1.47	NO	no points between 0-50%	no PRISM file generated; globules of chemical in 1X C1-C6; ppt in 2X C1-C4	SLS-P57
AA61NY-B4a	DF	AA61NY	113	0.413	0.128	6.62%	1	6	0.7376	300, 204, 139, 94, 64, 44, 30, 20	1.47	YES		chem. globules in all conc. in test plate; ppt in 2X C1-C5;C1 toxicity< C2 and C3; curve rises; SD originally failed test; good tox. curve when C1 and C2 removed by SD	SLS-P58
FRAME															
FAL.NHK.LC.A1.28.07.04	RF	AA61LC	NA	NA	0.052	15.74%	1	2	-0.3837	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; % VC difference > 15		FAL.NHK.SLS.28.07.04
FAL.NHK.LC.B1.11.08.04	DF	AA61LC	828	3.017	0.764	7.18%	1	5	0.7436	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES		ppt in C3	FAL.NHK.SLS.11.08.04
FAL.NHK.LC.B2.17.09.04	DF	AA61LC	1670	6.104	0.685	4.15%	0	7	0.8707	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	NO	no points between 0 - 50%	ppt in C1-C4;outliers removed	FAL.NHK.SLS.17.09.04
FAL.NHK.LC.B3.08.10.04	DF	AA61LC	586	2.136	0.681	9.54%	2	6	0.8830	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES		ppt in 2X C1-C4; 1X C1	FAL.NHK.SLS.08.10.03
FAL.NHK.LC.B4.20.10 .04	DF	AA61LC	1010	3.678	1.071	13.87%	2	6	0.9319	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES		ppt in 2X C1; ppt in 1X C1-C8	FAL.NHK.SLS.20.10.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
ENDOSULFAN															
IIVS															
A1	RF	AA61HZ	0.817	0.002	0.637	37.84%	2	3	0.9532	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder; %VC difference >0	volatility problem; VC1 OD values much lower than VC2; VC1 removed from subsequent analysis by SD	SLS-A2-N040320B
B1	DF	AA61HZ	2.66	0.007	0.690	3.49%	1	3	0.9857	50.0, 27.8, 15.4, 8.57, 4.76, 2.65, 1.47, 0.817	1.8	YES		ppt in 2X C2	SLS-B1-N040423A
B2	DF	AA61HZ	2.10	0.005	0.674	1.76%	3	2	0.9910	50.0, 27.8, 15.4, 8.57, 4.76, 2.65, 1.47, 0.817	1.8	YES		ppt in 2X C2; ppt in 1X C1	SLS-B2-N040424A
B3	DF	AA61HZ	1.80	0.004	0.554	0.89%	3	2	0.9590	20.0, 12.5, 7.81, 4.88, 3.05, 1.91, 1.19, 0.745	1.6	YES			SLS-B3-N040506A
ECBC															
AA61LG-A1	RF	AA61LG	NA	NA	0.612	31.27%	2	1	NA	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder; % VC difference > 15	ppt in 2X C1 and C1	SLS-P39
AA61LG-B1(sealer)	DF	AA61LG	4.46	0.011	0.935	2.18%	0	5	0.8732	10.0, 4.65, 2.16, 1.01, 0.47, 0.22, 0.10, 0.05	2.15	NO	no points between 0 - 50%		SLS-P46
AA61LG-B2 (sealer)	DF	AA61LG	4.09	0.010	1.218	0.21%	2	6	0.9121	9.00, 6.12, 4.17, 2.83, 1.93, 1.31, 0.892, 0.607	1.47	YES			SLS-P51
AA61LG-B3 (sealer)	DF	AA61LG	3.00	0.007	0.613	0.94%	3	5	0.9278	9.00, 6.12, 4.17, 2.83, 1.93, 1.31, 0.892, 0.607	1.47	YES			SLS-P52
AA61LG-B4 (sealer)	DF	AA61LG	3.24	0.008	0.631	4.02%	3	4	0.9089	9.00, 6.12, 4.17, 2.83, 1.93, 1.31, 0.892, 0.607	1.47	YES			SLS-P54
FRAME															
FAL.NHK.PW.A1.28.04.04	RF	AA61PW	1.79	0.004	0.592	24.69%	1	2	0.4155	10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001, 0.000001	10	RF	range finder; %VC difference > 15	possible volatility problem	FAL.NHK.SLS.28.04.03
FAL.NHK.PW.B1.11.06.04	DF	AA61PW	1.05	0.003	0.953	2.52%	5	1	0.6822	10, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	NO	PC failed	incorrect solvent listed; biphasic response	FAL.NHK.SLS.11.06.04
FAL.NHK.PW.B2.25.06.04	DF	AA61PW	2.19	0.005	1.109	6.72%	5	3	0.9113	10, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES			FAL.NHK.SLS.25.06.04
FAL.NHK.PW.B3.17.09.04	DF	AA61PW	1.24	0.003	0.820	0.67%	5	2	0.8280	10, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES		outlier removed by SD	FAL.NHK.SLS.17.09.04
FAL.NHK.PW.B4.07.10.04	DF	AA61PW	0.822	0.002	0.731	4.68%	7	1	0.7929	10, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES			FAL.NHK.SLS.07.10.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
EPINEPHRINE BITARTRATE															
IIVS															
A1	RF	AA61LT	91.2	0.274	0.637	6.28%	2	1	0.9359	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A2-N040320B
B1	DF	AA61LT	61.1	0.183	0.430	3.51%	5	3	0.9623	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES		ppt in 1X C1	SLS-B1-N040423A
B2	DF	AA61LT	83.8	0.251	0.562	3.01%	2	3	0.9796	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES		ppt in 1X C1-C2	SLS-B2-N040424A
B3	DF	AA61LT	80.0	0.240	0.513	2.26%	2	5	0.9398	200, 143, 102, 72.9, 52.1, 37.2, 26.6, 19.0	1.4	YES			SLS-B3-N040506A
ECBC															
AA61HW-A1	RF	AA61HW	73.5	0.220	0.337	4.12%	2	0	0.6969	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder	ppt in 2X C1	SLS-P6
AA61HW-B1	DF	AA61HW	124	0.371	0.897	6.82%	2	2	0.8018	200, 136, 92.6, 63.0, 42.8, 29.1, 19.8, 13.5	1.47	YES			SLS-P26
AA61HW-B2	DF	AA61HW	118	0.354	0.959	3.84%	3	3	0.9373	200, 165, 137, 113, 93.3, 77.1, 63.7, 52.7	1.21	YES			SLS-P29
AA61HW-B3	DF	AA61HW	103	0.308	0.692	0.84%	4	2	0.9411	200, 165, 137, 113, 93.3, 77.1, 63.7, 52.7	1.21	YES			SLS-P31
FRAME															
FAL.NHK.RK.A1.26.03.04	RF	AA61RK	93.5	0.281	0.552	10.97%	3	0	0.7362	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder	pts between 50 - 100% but several above 100% ; ppt in C1	FAL.NHK.SLS.26.03.04
FAL.NHK.RK.B1.25.04.04	DF	AA61RK	112	0.337	0.705	1.25%	3	1	0.8428	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES		two "outliers" in C4 removed b SD due to low OD	FAL.NHK.SLS.25.04.04
FAL.NHK.RK.B2.28.04.04	DF	AA61RK	77.3	0.232	0.887	5.93%	4	1	0.9755	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7,	2.15	YES		two "outliers" in C4 removed by SD; no NR uptake	FAL.NHK.SLS.28.04.03
FAL.NHK.RK.B3.13.05.04	DF	AA61RK	55.8	0.168	0.606	0.81%	4	3	0.9907	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			FAL.NHK.SLS.13.05.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
ETHANOL															
IIVS															
A1	RF	AA61FH	NA	NA	0.628	2.73%	0	1	0.4299	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; no points between 0 - 50%		SLS-A2-N040320B
B1	DF	AA61FH	7240	157.247	0.461	100.30%	3	2	0.9851	150000, 83333, 46296, 25720, 14289, 7938, 4410, 2450	1.8	NO	%VC difference >15	Left VC was removed from calculations due to volatility	SLS-B8-N040819A
B2	DF	AA61FH	6430	139.502	0.509	100.04%	2	2	0.9844	150000, 83333, 46296, 25720, 14289, 7938, 4410, 2450	1.8	NO	%VC difference >15	Left VC was removed from calculations due to volatility	SLS-B9-N040820A
B3	DF	AA61FH	10800	234.197	0.586	1.92%	2	3	0.9760	150000, 83333, 46296, 25720, 14289, 7938, 4410, 2450	1.8	YES			SLS-B11-N040904H
B4	DF	AA61FH	9250	200.716	0.709	2.59%	1	3	0.9781	150000, 83333, 46296, 25720, 14289, 7938, 4410, 2450	1.8	YES			SLS-B10-N040903A
B5	DF	AA61FH	10700	232.050	0.627	1.78%	3	4	0.9858	50000, 31250, 19531, 12207, 7629, 4768, 2980, 1863	1.6	YES			SLS-B12-N041022B
ECBC															
AA61JU-A1	RF	AA61JU	NA	NA	0.436	7.58%	0	1	NA	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P5
AA61JU-B1(sealer)	DF	AA61JU	7940	172.418	0.701	3.02%	6	1	0.9000	100000, 68027, 46277, 31481, 21416, 14568, 9911, 6742	1.47	YES			SLS-P28
AA61JU-B2(sealer)	DF	AA61JU	8710	189.052	0.741	5.60%	5	3	0.9616	50000, 34014, 23139, 15740, 10708, 7284, 4955, 3371	1.47	YES			SLS-P31
AA61JU-B3(sealer)	DF	AA61JU	8220	178.477	0.788	1.41%	3	4	0.9617	30000, 20408, 13883, 9444, 6425, 4371, 2973, 2023	1.47	YES			SLS-P34
FRAME															
FAL.NHK.PC.A1.25.04.04	RF	AA61PC	11800	256.792	0.646	14.49%	0	1	-0.7906	100000, 1000, 100,10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.25.04.04
FAL.NHK.PC.A2.28.04.04	DF	AA61PC	9640	209.210	0.959	3.42%	2	6	0.9428	25000, 11628, 5408, 2516, 1170, 544, 253, 118	2.15	YES			FAL.NHK.SLS.28.04.03
FAL.NHK.PC.B2.11.06.04	DF	AA61PC	11400	247.504	0.753	2.64%	1	3	0.8972	25000, 11628, 5408, 2516, 1170, 544, 253, 118	2.15	NO	PC failed	incorrect solvent listed	FAL.NHK.SLS.11.06.04
FAL.NHK.PC.B3.23.06.04	DF	AA61PC	14200	308.022	0.896	9.81%	1	4	0.8958	25000, 11628, 5408, 2516, 1170, 544, 253, 118	2.15	YES			FAL.NHK.SLS.23.06.04
FAL.NHK.PC.B4.25.06.04	DF	AA61PC	12200	265.816	0.899	4.29%	1	3	0.8875	25000, 11628, 5408, 2516, 1170, 544, 253, 118	2.15	YES			FAL.NHK.SLS.25.06.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
ETHYLENE GLYCOL															
IIVS															
Preliminary	RF	AA61HR	44900	723.027	0.588	4.11%	0	1	0.6185	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		Preliminary
B1	DF	AA61HR	40900	658.615	0.552	1.95%	1	2	0.9752	100000, 56250, 31600, 17800, 10000, 5600, 3160, 1770	1.78	YES			SLS-B1
B2	DF	AA61HR	32200	518.519	0.734	3.50%	1	3	0.9755	100000, 56250, 31600, 17800, 10000, 5600, 3160, 1770	1.78	YES			SLS-B2
B3	DF	AA61HR	43200	695.652	0.798	1.30%	1	1	0.9797	100000, 56250, 31600, 17800, 10000, 5600, 3160, 1770	1.78	YES			SLS-B3
B4	DF	AA61HR	43700	703.704	0.826	4.36%	1	1	0.9780	100000, 56250, 31600, 17800, 10000, 5600, 3160, 1770	1.78	YES			SLS-B4
ECBC															
ECBC-NHK-lb-01 AA61LM-A1	RF	AA61LM	NA	NA	0.788	1.16%	0	0	-0.5039	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P2
ECBC-NHK-lb-02 AA61LM-A2	RF	AA61LM	17700	285.024	1.125	7.69%	0	1	0.9617	100000, 10000, 1000, 100, 10, 1, 0.1, 0.01	10	NO	No points between 10 and 50%		SLS-P3
ECBC-NHK-lb-03 AA61LM-B1	DF	AA61LM	42100	677.939	1.282	1.23%	2	2	0.9764	100000, 68000, 46300, 31500, 21400, 14600, 9910, 6740	1.47	YES			SLS-P4
ECBC-NHK-lb-04 AA61LM-B2 (correction rec'd 4/30/03)	DF	AA61LM	39000	628.019	1.148	5.83%	1	2	0.9491	84869.6, 57656.0, 39168.5, 26609.0, 18076.8, 12280.4, 8342.7, 5667.6	1.47	YES			SLS-P5
ECBC-NHK-lb-05 AA61LM-B3	DF	AA61LM	44000	708.535	1.119	0.98%	0	2	0.9719	100000, 68000, 46300, 31500, 21400, 14600, 9910, 6740	1.47	NO	No points between 10 and 50%		SLS-P7
ECBC-NHK-lb-06 AA61LM-B4	DF	AA61LM	32900	529.791	0.910	3.05%	3	3	0.9383	60030, 46200, 35500, 27300, 21000, 16200, 12400, 9570	1.3	YES			SLS-P8
FRAME															
A3 1b/NHK/DF1/FAL/PD	DF	AA61PD	16.1	0.259	0.047	1.95%	5	1	0.3772	100, 68.02, 46.27, 31.47, 21.40, 14.50, 9.90, 6.70	1.47	RF	R^2 < 0.8; PC failed; range finder	NR crystal problems; used medium not normally used	A3 1b/NHK/CTR4/FAL/
A4 1b/NHK/DF2/FAL/PD	DF	AA61PD	4.17	0.067	0.125	25.74%	4	1	0.1465	100, 68.02, 46.27, 31.47, 21.41, 14.56, 9.90, 6.74	1.47	NO	VC difference > 15%; R^2 < 0.8	NR crystal problems; used medium not normally used	A4 1b/NHK/CTR5/FAL
A5 1b/NHK/DF3/FAL/PD	DF	AA61PD	NA	NA	0.140	1.78%	6	1	NA	100, 68.02, 46.27, 31.47, 21.41, 14.56, 9.90, 6.74	1.47	NO	No R^2 or ICx; PC failed	Used different medium; OD values of test wells slightly higher than bkgd. ODs; negative values for VC	A5 1b/NHK/CTR6/FAL
A6 1b/NHK/DF4/FAL/PD	DF	AA61PD	67.1	1.081	0.920	0.29%	1	0	0.5955	100, 68.02, 46.27, 31.47, 21.40, 14.50, 9.90, 6.70	1.47	NO	No point between 50 & 90%; R^2 < 0.8	recalc w/o outlier didn't improve fit, so outlier was not removed	A6 1b/NHK/CTR7/FAL
A10 1b/NHK/DF5/FAL/PD	DF	AA61PD	48400	779.388	1.203	10.37%	1	6	0.8164	100000, 68027, 46277, 31481, 21416, 14568, 9911, 6742	1.47	YES		no outliers	A10 1b/NHK/CTR11/FAL
A11 1b/NHK/DF6/FAL/PD	DF	AA61PD	54700	880.837	1.706	4.22%	2	2	0.8960	100000, 68027, 46277, 31481, 21416, 14568, 9911, 6742	1.47	YES			A11 1b/NHK/CTR12/FAL
A12 1b/NHK/DF7/FAL/PD	DF	AA61PD	33200	534.622	0.372	17.37%	1	5	0.8678	100000, 68027, 46277, 31481, 21416, 14568, 9911, 6742	1.47	NO	VC difference > 15%		A12 1b/NHK/CTR13/FAL/SLS
1b/NHK/DF3/FAL/PD	DF	AA61PD	46300	745.572	0.773	12.10%	1	5	0.9074	100000, 68027, 46277, 31481, 21416, 14568, 9911, 6742	1.47	YES			1b/NHK/CTR14/FAL/SLS

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
FENPROPATHRIN															
IIVS															
A1	RF	AA61HY	1.38	0.004	0.552	4.86%	3	1	0.9698	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1-C2 and 1X C1-C2	SLS-A1-N040317B
B1	DF	AA61HY	2.18	0.006	0.580	3.12%	5	3	0.9412	75.0, 34.1, 15.5, 7.04, 3.20, 1.46, 0.661, 0.301	2.2	YES		ppt in 2X C1-C3	SLS-B1-N040423A
B2	DF	AA61HY	1.67	0.005	0.600	4.40%	5	2	0.9440	75.0, 34.1, 15.5, 7.04, 3.20, 1.46, 0.661, 0.301	2.2	YES		ppt in 2X C1-C3	SLS-B2-N040424A
B3	DF	AA61HY	1.62	0.005	0.528	1.77%	5	2	0.9228	75.0, 34.1, 15.5, 7.04, 3.20, 1.46, 0.661, 0.301	2.2	YES		ppt in 2X C1-C3; ppt in 1X C1	SLS-B3-N040506A
ECBC															
AA61LJ-A1	RF	AA61LJ	4.46	0.013	0.569	6.52%	3	3	0.9479	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1-C2 and 1X C1	SLS-P2
AA61LJ-B1	DF	AA61LJ	3.71	0.0106	1.025	3.17%	8	0	0.8224	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.91, 6.74	1.47	NO	no points between 50 - 100%	ppt in 2X C1-C5 and 1X C1	SLS-P8
AA61LJ-B2	DF	AA61LJ	2.94	0.008	1.265	0.48%	5	3	0.9897	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES		ppt in 2X C1-C3	SLS-P10
AA61LJ-B3	DF	AA61LJ	3.38	0.010	0.779	5.84%	5	3	0.9503	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES		ppt in 2X C1-C3 and 1X C1	SLS-P11
AA61LJ-B4	DF	AA61LJ	4.87	0.014	0.991	1.87%	5	3	0.9448	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES		ppt in 2X C1-C3 and 1X C1	SLS-P23
FRAME															
FAL.NHK.A1.11/02/04	RF	AA61PT	5.51	0.016	1.226	1.06%	3	5	0.9610	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	C5 outliers removed by SD; ppt in 2X C1 and 1X C1-C2	FAL.NHK.SLS.11.02.04
FAL.NHK.PT.B1.26.02.04	DF	AA61PT	0.012	0.000	0.185	9.24%	8	0	0.4977	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	NO	no points between 50-100%	ppt in 2X C1-C5 and 1X C1-C4	FAL.NHK.SLS/MO.26.02.03
FAL.NHK.PT.18.03.04 (B2 not in identifier)	DF	AA61PT	2.77	0.008	0.321	1.46%	4	1	0.7108	50.0, 23.3, 10.8, 5.03, 2.34, 1.09, 0.51, 0.24	2.15	YES		ppt in 2X C1 and 1X C1	FAL.NHK.SLS.18.03.03
FAL.NHK.PT.B3.19.03.04	DF	AA61PT	2.37	0.007	0.587	8.52%	5	2	0.9693	50.0, 23.3, 10.8, 5.03, 2.34, 1.09, 0.51, 0.24	2.15	YES		ppt in 2X C1	FAL.NHK.SLS.19.03.03
FAL.NHK.PT.B4.25.03.04	DF	AA61PT	1.56	0.004	0.693	8.69%	6	2	0.9644	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES		ppt in 2X C1 and 1X C1-C4	FAL.NHK.SLS.25.03.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
GIBBERELLIC ACID															
IIVS															
A1	RF	AA61RE	NA	NA	0.542	1.18%	0	1	0.0000	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; no points between 0 - 50%	outlier in C7 removed by SD	SLS-A4-N040331N
B1	DF	AA61RE	2820	8.155	0.594	4.88%	1	4	0.9686	3750, 2344, 1465, 916, 572, 358, 224, 140	1.6	YES			SLS-B12-N041022B
B2	DF	AA61RE	2920	8.442	0.499	1.94%	1	2	0.9503	3750, 2679, 1913, 1367, 976, 697, 498, 356	1.4	YES			SLS-B113-N041029B
B3	DF	AA61RE	2680	7.735	0.646	1.50%	1	5	0.9492	3750, 2679, 1913, 1367, 976, 697, 498, 356	1.4	YES			SLS-B14-N041030A
ECBC															
AA61FR-A1	RF	AA61FR	NA	NA	0.958	1.55%	0	6	NA	2500, 250, 25, 2.5, 0.25, 0.025, 0.0025, 0.00025	10	RF	range finder		SLS-P22
AA61FR-B1	DF	AA61FR	2470	7.136	0.689	0.27%	4	4	0.9209	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES		ppt in 2X C1-C4 and 1X C1	SLS-P49
AA61FR-B2	DF	AA61FR	3270	9.429	1.151	0.64%	3	5	0.9334	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES		ppt in 2X C1-C5	SLS-P50
AA61FR-B3	DF	AA61FR	2810	8.118	0.643	1.28%	4	4	0.9736	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES		ppt in 2X C1-C3 and 1X C1	SLS-P53
FRAME															
FAL.NHK.GY.***A1.28.07.04 (should be 11.08.04)***	RF	AA61GY	NA	NA	0.596	2.46%	0	1	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.NHK.SLS.11.08.04
FAL.NHK.GY.B1.08.10.04	DF	AA61GY	3030	8.739	0.629	2.48%	1	7	0.8918	5000, 2326, 1082, 503, 234, 109, 50.6, 23.6	2.15	YES			FAL.NHK.SLS.08.10.03
FAL.NHK.GY.B2.20.10 .04	DF	AA61GY	3160	9.130	1.110	2.21%	1	2	0.9820	5000, 2326, 1082, 503, 234, 109, 50.6, 23.6	2.15	YES			FAL.NHK.SLS.20.10.04
FAL.NHK.GY.B3 .22.10.04	DF	AA61GY	2630	7.594	0.641	8.86%	1	1	0.8601	5000, 2326, 1082, 503, 234, 109, 50.6, 23.6	2.15	YES			FAL.NHK.SLS.22.10.04 (MO)

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
GLUTETHIMIDE															
IIVS															
A1	RF	AA61NN	119	0.546	0.579	1.28%	0	1	0.9782	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; no points between 0 - 50%	ppt in 2X C1	SLS-A5-N040401A
B1	DF	AA61NN	190	0.873	0.634	3.05%	4	3	0.9710	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES		ppt in 2X C1-C3	SLS-B4-N040513C
B2	DF	AA61NN	193	0.889	0.541	0.86%	4	2	0.9455	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES		ppt in 2X C1-C3	SLS-B5-N040514B
B3	DF	AA61NN	144	0.664	0.806	8.24%	4	4	0.9734	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES		ppt in 1X C1 and 2X C1	SLS-B6-N040716A
ECBC															
AA61FE-A1	RF	AA61FE	171	0.789	0.574	1.65%	1	6	0.9668	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P25
AA61FE-B1	DF	AA61FE	114	0.524	0.799	6.19%	3	5	0.9192	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	YES			SLS-P40
AA61FE-B2	DF	AA61FE	236	1.086	0.688	1.79%	2	1	0.9489	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	YES			SLS-P43
AA61FE-B3	DF	AA61FE	210	0.966	1.015	6.51%	3	4	0.9724	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	YES			SLS-P45
FRAME															
FAL.NHK.KY.A1.24.09.04	RF	AA61KY	200	0.922	0.492	0.10%	1	1	0.0402	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.NHK.SLS.24.09.03
FAL.NHK.KY.B1.01.10.04	DF	AA61KY	222	1.021	1.023	10.48%	5	3	0.8909	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	NO	PC fails		FAL.NHK.SLS.01.10.04
FAL.NHK.KY.B2.07.10.04	DF	AA61KY	147	0.674	0.668	1.24%	6	2	0.9631	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	YES			FAL.NHK.SLS.07.10.03
FAL.NHK.KY.B3.05.11.04	DF	AA61KY	195	0.899	0.502	0.78%	3	5	0.9246	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			FAL.NHK.SLS.05.11.04
FAL.NHK.KY.B4.10.11.04	DF	AA61KY	167	0.771	1.009	9.60%	3	3	0.9317	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			FAL.NHK.SLS.10.11.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
GLYCEROL															
IIVS															
A1	RF	AA61JF	NA	NA	0.446	6.43%	0	2	NA	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; no points between 0 - 50%		SLS-A1-N040317B
B1	DF	AA61JF	27500	298.392	0.509	14.14%	3	3	0.9818	100000, 71429, 51020, 36443, 26031, 18593, 13281, 9486	1.4	YES			SLS-B12-N041022B
B2	DF	AA61JF	34200	371.354	0.519	9.50%	3	5	0.9761	101960, 72829, 52020, 37157, 26541, 18958, 13541, 9672	1.4	YES		130 ul of 2X doses were applied. Final conc. values adjusted in data sheets by SD; data from wells G3-G10 removed from EXCEL and PRISM analyses (by SD) since they were not dosed	SLS-B113-N041029B
B3	DF	AA61JF	25400	275.923	0.627	0.03%	3	4	0.9671	100000, 71429, 51020, 36443, 26031, 18593, 13281, 9486	1.4	YES			SLS-B14-N041030A
ECBC															
AA61HG-A1	RF	AA61HG	NA	NA	0.612	4.48%	0	7	NA	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder	no toxicity detected	SLS-P1
AA61HG-A2	RF	AA61HG	15600	168.961	0.497	3.56%	1	1	0.8792	100000, 10000, 1000, 100, 10, 1, 0.1, 0.01	10	RF	range finder		SLS-P3
AA61HG-B1	DF	AA61HG	51200	555.693	1.001	1.36%	1	3	0.9717	100000, 46512, 21633, 10062, 4680, 2177, 1012, 471	2.15	YES			SLS-P8
AA61HG-B2	DF	AA61HG	30500	330.969	0.880	0.09%	3	5	0.9505	100000, 68027, 46277, 31481, 21416, 14568, 9911, 6742	1.47	YES			SLS-P14
AA61HG-B3	DF	AA61HG	21100	229.503	0.481	14.05%	5	2	0.9533	100000, 68027, 46277, 31481, 21416, 14568, 9911, 6742	1.47	YES			SLS-P16
FRAME															
FAL.NHK.RA.A1.11/02/04	RF	AA61RA	NA	NA	0.662	0.55%	0	0	NA	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.11.02.04
FAL.NHK.RA.A2.18.02.04	DF	AA61RA	57300	621.996	0.180	11.45%	1	3	0.2547	100000, 68027, 46277, 31481, 21416, 14568, 9911, 6742	1.47	NO	PC fails	this is a definitive test since conc. series is different from A1 range finder	FAL.NHK.SLS.18.02.04
FAL.NHK.RA.B1.26.02.04	DF	AA61RA	21800	237.021	0.205	15.32%	2	1	0.9389	100000, 46512, 21633, 10062, 4680, 2177, 1012, 471	2.15	YES			FAL.NHK.SLS/NB.26.02.03
FAL.NHK.RA.B2.18.03.04	DF	AA61RA	8470	92.000	0.438	7.92%	4	4	0.9629	100000, 46512, 21633, 10062, 4680, 2177, 1012, 471	2.15	YES			FAL.NHK.SLS.18.03.03
FAL.NHK.RA.B3.19.03.04	DF	AA61RA	23800	258.100	0.407	10.70%	2	4	0.9425	100000, 46512, 21633, 10062, 4680, 2177, 1012, 471	2.15	YES			FAL.NHK.SLS.19.03.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
HALOPERIDOL															
IIVS															
A1	RF	AA61LW	2.86	0.008	0.589	2.46%	2	5	0.9764	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder		SLS-A4-N040331N
B1	DF	AA61LW	4.51	0.012	0.585	0.93%	2	5	0.9715	50.0, 22.7, 10.3, 4.70, 2.13, 0.970, 0.441, 0.200	2.2	YES			SLS-B4-N040513C
B2	DF	AA61LW	3.11	0.008	0.576	4.43%	3	4	0.9736	50.0, 22.7, 10.3, 4.70, 2.13, 0.970, 0.441, 0.200	2.2	YES			SLS-B5-N040514B
B3	DF	AA61LW	2.24	0.006	0.764	4.42%	3	4	0.9571	50.0, 22.7, 10.3, 4.70, 2.13, 0.970, 0.441, 0.200	2.2	YES			SLS-B6-N040716A
ECBC															
AA61JC-A1	RF	AA61JC	4.88	0.013	0.947	6.60%	2	6	0.9383	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder	ppt in 1X C1	SLS-P19
AA61JC-B1	DF	AA61JC	2.70	0.007	0.700	2.99%	4	3	0.9630	80.0, 37.2, 17.3, 8.05, 3.74, 1.74, 0.81, 0.38	2.15	YES			SLS-P41
AA61JC-B2	DF	AA61JC	3.66	0.010	0.687	7.99%	4	3	0.9516	40.0, 18.6, 8.65, 4.03, 1.87, 0.871, 0.405, 0.188	2.15	YES			SLS-P42
AA61JC-B3	DF	AA61JC	4.72	0.013	1.060	1.49%	4	4	0.9411	40.0, 18.6, 8.65, 4.03, 1.87, 0.871, 0.405, 0.188	2.15	YES			SLS-P44
FRAME															
FAL.NHK.PM.A1.11.08.04	RF	AA61PM	0.329	0.001	0.803	11.63%	3	3	0.8526	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder	ppt in 1X C1-C2	FAL.NHK.SLS.11.08.04
FAL.NHK.PM.B1.08.10.04	DF	AA61PM	4.52	0.012	0.680	14.55%	2	4	0.9665	100, 31.8, 10.1, 3.2, 1.02, 0.322, 0.102, 0.0325	3.15	YES			FAL.NHK.SLS.08.10.03
FAL.NHK.PM.B2.22.10.04	DF	AA61PM	4.99	0.013	0.743	2.20%	2	5	0.9658	100, 31.8, 10.1, 3.2, 1.02, 0.322, 0.102, 0.0325	3.15	YES			FAL.NHK.SLS.22.10.04 (MO)
FAL.NHK.PM.B3.29.10.04	DF	AA61PM	1.64	0.004	0.629	7.30%	5	3	0.9621	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01,0.47	2.15	YES			FAL.NHK.SLS.29.10.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
HEXACHLOROPHENE															
IIVS															
A1	RF	AA61JN	0.025	0.00006	0.509	3.75%	2	3	0.9760	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	Due to high ppt in 2X C1-C2and 1X C1-C2; SD removed these two doses from Hill function analyses and set the bottom to 0	SLS-A1-N040317B
B1	DF	AA61JN	0.0223	0.00005	0.609	3.49%	3	3	0.9868	0.500, 0.227, 0.103, 0.047, 0.021, 0.010, 0.004, 0.002	2.2	YES			SLS-B1-N040423A
B2	DF	AA61JN	0.0186	0.00005	0.611	0.44%	4	1	0.9891	0.500, 0.227, 0.103, 0.047, 0.021, 0.010, 0.004, 0.002	2.2	YES			SLS-B2-N040424A
B3	DF	AA61JN	0.0227	0.00006	0.520	1.39%	3	2	0.9885	0.500, 0.227, 0.103, 0.047, 0.021, 0.010, 0.004, 0.002	2.2	YES			SLS-B3-N040506A
ECBC															
AA61ND-A1	RF	AA61ND	NA	NA	0.421	16.43%	3	0	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1-C2 and 1X C1-C2	SLS-P4
AA61ND-B1	DF	AA61ND	0.0294	0.00007	0.684	6.18%	5	3	0.9590	0.200, 0.136, 0.093, 0.063, 0.043, 0.029, 0.020, 0.013	1.47	YES			SLS-P21
AA61ND-B2	DF	AA61ND	0.0301	0.00007	0.891	1.12%	5	3	0.9862	0.200, 0.136, 0.093, 0.063, 0.043, 0.029, 0.020, 0.013	1.47	YES			SLS-P23
AA61ND-B3	DF	AA61ND	0.0221	0.00005	0.586	1.63%	2	6	0.9707	0.200, 0.136, 0.093, 0.063, 0.043, 0.029, 0.020, 0.013	1.47	YES			SLS-P25
FRAME															
FAL.NHK.HB.A2.26.02.03	RF	AA61HB	NA	NA	0.249	7.29%	NA	NA	0.0000	NA	NA	RF	range finder	SD says ppt binds or reacts with NR;gives "nonsense" data; tox. curve goes wrong direction; ppt in 1X C1-C3	FAL.NHK.SLS/MO.26.02.03
FAL.NHK.HB.B1.18.03.04	DF	AA61HB	NA	NA	0.654	5.98%	0	0	-1.2210	0.010, 0.003, 0.001, 0.00032, 0.00010, 0.0000322, 0.0000102, 0.0000032	3.15	NO	no points between 0-100%	SD notes incorrect range used; considers 100 ug/ml as start conc. w/ dil. factor 2.15	FAL.NHK.SLS.18.03.03
FAL.NHK.HB.B2.19.03.04	DF	AA61HB	NA	NA	0.523	6.30%	0	0	-1.2210	0.010, 0.003, 0.001, 0.00032, 0.00010, 0.0000322, 0.0000102, 0.0000032	3.15	NO	no points between 0-100%	SD notes incorrect range used; considers 100 ug/ml as start conc. w/ dil. factor 2.15	FAL.NHK.SLS.19.03.03
FAL.NHK.HB.B2.25.03.04 (should be B3)	DF	AA61HB	NA	NA	0.544	7.76%	0	0	0.1438	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	NO	curve is going in the wrong direction	Data not analysed; chem. reacts w/ NR & gives false + results in columns C1-C4; cells in first 3-4 col. incorp. large amount of dye	FAL.NHK.SLS.25.03.03
FAL.NHK.HB.B3.26.03.04 (should be B4)	DF	AA61HB	NA	NA	0.652	15.30%	0	0	-1.2210	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	NO	curve is going in the wrong direction	Data not analysed; chem. seems to react w/ NR & gives false + results in col. C1-C4; cells in first 3-4 col. Incorp. large amount of dye; ppt in 1X C1-C2	FAL.NHK.SLS.26.03.04
FAL.NHK.HB.B4.25.04.04 (should be B5)	DF	AA61HB	0.0521	0.00013	0.850	3.86%	4	2	0.9900	1.0, 0.465, 0.216, 0.101, 0.046, 0.022, 0.010, 0.005	2.15	YES			FAL.NHK.SLS.25.04.04
FAL.NHK.HB.B5.28.04.04 (should be B6)	DF	AA61HB	0.0619	0.00015	0.928	2.72%	4	1	0.9862	1.00, 0.465, 0.216, 0.101, 0.047, 0.022, 0.010, 0.005	2.15	YES			FAL.NHK.SLS.28.04.03
FAL.NHK.HB.13.05.04 (should be B7)	DF	AA61HB	NA	NA	0.603	2.36%	4	1	NA	1.00, 0.465, 0.216, 0.101, 0.047, 0.022, 0.010, 0.005	2.15	NO	no points between 50-100%; SD rejects test	odd plate; looks as if the dilutions ran left to right for top three wells & right to left for bottom three.	FAL.NHK.SLS.13.05.04
FAL.NHK.HB.B7.10.06.04 (should be B8)	DF	AA61HB	0.0233	0.00006	0.922	1.93%	5	3	0.9799	1.0, 0.47, 0.22, 0.10, 0.05, 0.022, 0.010, 0.0047	2.15	YES			FAL.NHK.SLS.10.06.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
LACTIC ACID															
IIVS															
A1	RF	AA61FW	1360	15.114	0.573	1.92%	1	1	0.9351	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A2-N040320B
B1	DF	AA61FW	1260	13.976	0.552	3.33%	4	2	0.9915	10000, 5556, 3086, 1715, 953, 529, 294, 163	1.8	YES			SLS-B1-N040423A
B2	DF	AA61FW	1210	13.377	0.561	10.36%	2	2	0.9868	10000, 5556, 3086, 1715, 953, 529, 294, 163	1.8	YES			SLS-B2-N040424A
B3	DF	AA61FW	1470	16.344	0.458	4.02%	4	2	0.9836	5000, 3333, 2222, 1481, 988, 658, 439, 293	1.5	YES			SLS-B3-N040506A
ECBC															
AA61NL-A1	RF	AA61NL	1060	11.786	0.411	3.08%	1	1	0.8632	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P6
AA61NL-B1	DF	AA61NL	1330	14.770	0.999	0.10%	3	4	0.9731	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	YES			SLS-P26
AA61NL-B2	DF	AA61NL	1310	14.418	0.909	0.66%	3	3	0.9901	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	YES			SLS-P28
AA61NL-B3	DF	AA61NL	1230	13.658	0.824	3.46%	3	5	0.9532	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	YES			SLS-P30
FRAME															
FAL.NHK.JT.A1.25.04.04	RF	AA61JT	1880	20.863	0.777	7.41%	1	1	0.7636	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.25.04.04
FAL.NHK.JT.B1.28.04.04	DF	AA61JT	1350	15.010	0.904	0.04%	3	5	0.9767	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	YES			FAL.NHK.SLS.28.04.03
FAL.NHK.JT.B2.13.05.04	DF	AA61JT	1360	15.079	0.597	1.07%	3	4	0.9702	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	YES			FAL.NHK.SLS.13.05.04
FAL.NHK.JT.B3.10.06.04	DF	AA61JT	1250	13.879	0.670	6.11%	3	1	0.9322	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	YES			FAL.NHK.SLS.10.06.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
LINDANE															
IIVS															
A1	RF	AA61PJ	46.8	0.161	0.634	0.78%	1	1	0.7927	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder	ppt in 2x C1 and 1X C1	SLS-A3-N040331A
B1	DF	AA61PJ	15.7	0.054	0.547	10.52%	5	2	0.9540	200, 111, 61.7, 34.3, 19.1, 10.6, 5.88, 3.27	1.8	YES		ppt in 1X C1-C3 & 2X C1-C3; SD removed top 3 doses from Hill analyses; ppts and flattening of response curve were observed	SLS-B8-N040819A
B2	DF	AA61PJ	18.0	0.062	0.582	6.00%	4	2	0.9704	200, 111, 61.7, 34.3, 19.1, 10.6, 5.88, 3.27	1.8	YES		ppt in 1X C1-C3 & 2X C1-C2; SD removed top 3 doses from Hill analyses; ppts and flattening of response curve were observed	SLS-B9-N040820A
B3	DF	AA61PJ	13.2	0.045	0.532	6.43%	2	3	0.9626	200, 111, 61.7, 34.3, 19.1, 10.6, 5.88, 3.27	1.8	YES		ppt in 1X C1-C4 & 2X C1-C3; SD removed top 3 doses from Hill analyses; ppts and flattening of response curve were observed	SLS-B10-N040903A
ECBC															
AA61FK-A1	RF	AA61FK	40.6	0.140	0.821	9.29%	2	2	0.8809	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1-C2; ppt in 1X C1-C	SLS-P15
AA61FK-B1	DF	AA61FK	21.4	0.074	0.550	6.75%	5	2	0.9657	500, 233, 108, 50.3, 23.4, 10.9, 5.06, 2.35	2.15	YES		ppt in 2X C1-C3; ppt in 1X C1-C4;	SLS-P49
AA61FK-B2	DF	AA61FK	15.5	0.053	0.558	2.09%	5	2	0.8770	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	YES		ppt in 2X C1-C3; ppt in 1X C1-C4	SLS-P53
AA61FK-B3	DF	AA61FK	20.3	0.070	0.619	6.30%	4	4	0.9653	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	YES		ppt in 2X C1-C3; ppt in 1X C1-C4	SLS-P55
FRAME															
FAL.NHK.KN.A1.14.05.04	RF	AA61KN	61.7	0.212	0.694	7.78%	2	1	0.8847	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 1X C1	FAL.NHK.SLS.14.05.03
FAL.NHK.KN.B1.20.08.04	DF	AA61KN	30.8	0.106	0.752	5.39%	6	2	0.9626	2000, 930, 433, 201, 93.6, 43.5, 20.3, 9.42	2.15	YES		ppt in 2X C1-C3; ppt in 1X C1-C6	FAL.NHK.SLS.20.08.04
FAL.NHK.KN.B2.29.10.04	DF	AA61KN	16.8	0.058	0.450	9.76%	7	1	0.9529	2000, 930, 433, 201, 93.6, 43.5, 20.3, 9.42	2.15	YES		ppt in 2X C1-C4; ppt in 1X C1-C5	FAL.NHK.SLS.29.10.04
FAL.NHK.KN.B3.05.11.04	DF	AA61KN	21.9	0.075	0.453	7.72%	6	2	0.9894	2000, 930, 433, 201, 93.6, 43.5, 20.3, 9.42	2.15	YES		ppt in 1X C1-C5	FAL.NHK.SLS.05.11.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
LITHIUM I CARBONATE															
IIVS															
A2	RF	AA61RN	839	11.355	0.736	1.65%	1	0	0.9100	1000, 100, 10, 1, 0.1,0.01, 0.001, 0.0001	10	RF	range finder		SLS-A2
B1	DF	AA61RN	524	7.092	0.364	1.54%	3	2	0.9453	2000, 1333, 889, 593, 395, 263, 176, 117	1.5	YES			SLS-B1
B2	DF	AA61RN	519	7.024	0.26	7.33%	3	2	0.9436	2000, 1333, 889, 593, 395, 263, 176, 117	1.5	YES			SLS-B2
B3	DF	AA61RN	571	7.728	0.315	8.55%	3	2	0.958	2000, 1333, 889, 593, 395, 263, 176, 117	1.5	YES			SLS-B3
ECBC															
AA61RR-A1	RF	AA61RR	767	10.380	0.750	3.35%	1	1	0.8957	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	range finder	SLS-P2
AA61RR-B1	DF	AA61RR	308	4.168	0.361	2.25%	6	2	0.9095	2000, 1361, 926, 630, 428, 291, 198, 135	1.47	YES			SLS-P5
AA61RR-B2	DF	AA61RR	541	7.322	1.107	4.03%	4	4	0.9425	2000, 1361, 926, 630, 428, 291, 198, 135	1.47	YES			SLS-P7
AA61RR-B3	DF	AA61RR	384	5.197	0.803	0.21%	5	3	0.9639	2000, 1361, 926, 630, 428, 291, 198, 135	1.47	YES			SLS-P9
FRAME															
FAL.NHK.RM.A1.010803	RF	AA61RM	78.5	1.062	0.568	13.97%	2	5	0.7509	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.NHK.SLS.010803
FAL.NHK.RM.B1.080803	DF	AA61RM	378	5.116	0.794	1.03%	2	6	0.8188	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	YES		high background	FAL.NHK.SLS.08.08.03
FAL.NHK.RM.B2.15.08.03	DF	AA61RM	518	7.010	0.433	6.00%	1	4	0.8092	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	YES			FAL.NHK.SLS.15.08.03
FAL.NHK.RM.B3.23.08.03	DF	AA61RM	478	6.469	0.614	1.71%	2	4	0.8168	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	NO	PC fails		FAL.NHK.SLS.230803
FAL.NHK.RM.B4.05.09.03	DF	AA61RM	303	4.101	0.095	9.10%	2	2	0.5447	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	NO	low r2		FAL.NHK.SLS.050903
FAL.NHK.RM.B5.01.10.03	DF	AA61RM	887	12.004	1.302	0.06%	1	3	0.8807	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	NO	PC fails		FAL.NHK.SLS.01.10.03
FAL.NHK.RM.B5.15.10.03 (should be B6?)	DF	AA61RM	471	6.374	0.529	0.71%	2	6	0.2797	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	NO	low r2		FAL.NHK.SLS.15.10.03
FAL.NHK.RM.28.11.03	DF	AA61RM	561	7.592	0.153	3.93%	1	5	0.7316	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	YES		challenging chemical; SMT accepts this test	FAL.NHK.SLS.28.11.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
MEPROBAMATE															
IIVS															
A1	RF	AA61LS	507	2.322	0.431	13.02%	1	2	0.8210	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A1-N040317B
B1	DF	AA61LS	631	2.890	0.650	3.10%	3	4	0.9748	2000, 1250, 781, 488, 305, 191, 119, 74.5	1.6	YES			SLS-B8-N040819A
B2	DF	AA61LS	705	3.228	0.691	2.97%	3	4	0.9666	2000, 1250, 781, 488, 305, 191, 119, 74.5	1.6	YES			SLS-B9-N040820A
B3	DF	AA61LS	537	2.460	0.649	2.00%	3	3	0.9670	2000, 1250, 781, 488, 305, 191, 119, 74.5	1.6	YES			SLS-B10-N040903A
ECBC															
AA61RJ-A1	RF	AA61RJ	324	1.49	0.677	2.99%	1	5	0.9463	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P2
AA61RJ-B1	DF	AA61RJ	746	3.419	1.112	0.28%	3	4	0.9663	2000, 1361, 926, 630, 428, 291, 198, 135	1.47	YES			SLS-P8
AA61RJ-B2	DF	AA61RJ	883	4.045	1.180	2.65%	2	6	0.9767	2000, 1361, 926, 630, 428, 291, 198, 135	1.47	YES			SLS-P10
AA61RJ-B3	DF	AA61RJ	653	2.992	0.784	1.54%	3	5	0.9321	2000, 1361, 926, 630, 428, 291, 198, 135	1.47	YES			SLS-P11
FRAME															
FAL.NHK.HV.A1.11/02/04	RF	AA61HV	982	4.497	1.600	0.24%	1	4	0.8090	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	C8 outlier removed by SD	FAL.NHK.SLS.11.02.04
FAL.NHK.HV.A2.18/02/04	DF	AA61HV	4980	22.801	1.600	0.24%	1	4	0.4736	5000, 2326, 1082, 503, 234, 109, 50.6, 23.5	2.15	NO	PC fails	this is a definitive test since conc.series is different from A1 range finder	FAL.NHK.SLS.18.02.04
FAL.NHK.HV.B1.26/02/04	DF	AA61HV	30.8	0.141	0.254	10.02%	6	2	0.9661	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES			FAL.NHK.SLS/NB.26.02.03
FAL.NHK.HV.B2.18/03/04	DF	AA61HV	77.8	0.356	0.378	0.13%	4	4	0.9274	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			FAL.NHK.SLS.18.03.03
FAL.NHK.HV.B3.25.03.04	DF	AA61HV	379	1.738	0.803	0.65%	2	5	0.7687	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			FAL.NHK.SLS.25.03.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
MERCURY II CHLORIDE															
IIVS															
A1	RF	AA61MX	3.25	0.012	0.485	7.23%	3	0	0.9831	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; no points between 50 - 100%	ppt in 1X C1	SLS-A1-N040317B
B1	DF	AA61MX	4.54	0.017	0.632	0.90%	4	0	0.9852	20.0, 12.5, 7.81, 4.88, 3.05, 1.91, 1.19, 0.745	1.6	NO	no points between 50 - 100%		SLS-B1-N040423A
B2	DF	AA61MX	5.17	0.019	0.568	4.76%	0	2	0.9915	20.0, 12.5, 7.81, 4.88, 3.05, 1.91, 1.19, 0.745	1.6	NO	no points between 0 - 50%		SLS-B2-N040424A
B3	DF	AA61MX	5.10	0.019	0.495	6.71%	0	1	0.9819	20.0, 15.0, 11.3, 8.50, 6.39, 4.81, 3.61, 2.72	1.33	NO	no points between 0 - 50%		SLS-B3-N040506A
B4	DF	AA61MX	5.26	0.019	0.785	2.29%	2	3	0.9359	8.00, 7.27, 6.61, 6.01, 4.46, 4.97, 4.52, 4.11	1.1	YES			SLS-B6-N040716A
B5	DF	AA61MX	5.44	0.020	0.715	4.31%	1	3	0.9529	8.00, 7.27, 6.61, 6.01, 4.46, 4.97, 4.52, 4.11	1.1	YES			SLS-B7-N040717B
B6	DF	AA61MX	5.35	0.020	0.612	0.00%	2	2	0.9585	8.00, 7.27, 6.61, 6.01, 4.46, 4.97, 4.52, 4.11	1.1	YES			SLS-B8-N040819A
ECBC															
AA61KP-A1	RF	AA61KP	2.24	0.008	0.432	8.13%	3	1	0.9582	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 1X C1	SLS-P2
AA61KP-B1	DF	AA61KP	6.95	0.026	1.076	3.04%	1	1	0.9276	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES			SLS-P8
AA61KP-B2	DF	AA61KP	7.87	0.029	1.169	3.40%	2	6	0.9666	10.0, 8.26, 6.83, 5.65, 4.67, 3.86, 3.19, 2.63	1.21	YES			SLS-P10
AA61KP-B3	DF	AA61KP	5.79	0.021	0.831	1.85%	2	5	0.9856	10.0, 8.26, 6.83, 5.65, 4.67, 3.86, 3.19, 2.63	1.21	YES			SLS-P11
FRAME															
FAL.NHK.HA.A1.11/02/04	RF	AA61HA	3.56	0.013	1.321	3.96%	3	0	0.9647	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 1X C1	FAL.NHK.SLS.11.02.04
FAL.NHK.HA.B1.18.03.04	DF	AA61HA	4.66	0.017	0.486	2.93%	2	3	0.9663	10.0, 6.8, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES			FAL.NHK.SLS.18.03.03
FAL.NHK.HA.B2.19.03.04	DF	AA61HA	4.98	0.018	0.533	9.73%	2	6	0.9174	10.0, 6.8, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES			FAL.NHK.SLS.19.03.03
FAL.NHK.HA.B2.25.03.04 (should be B3)	DF	AA61HA	6.56	0.024	0.533	4.35%	2	6	0.8230	10.0, 6.8, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES			FAL.NHK.SLS.25.03.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
METHANOL															
IIVS															
A1	RF	AA61FZ	601	18.763	0.567	1.73%	1	1	0.9073	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A5-N040401A
B1	DF	AA61FZ	2160	67.345	0.597	1.70%	1	7	0.8425	2000, 1250, 781, 488, 305, 191, 119, 74.5	1.6	YES			SLS-B4-N040513C
B2	DF	AA61FZ	1850	57.851	0.546	2.01%	1	4	0.9223	2000, 1250, 781, 488, 305, 191, 119, 74.5	1.6	YES			SLS-B5-N040514B
B3	DF	AA61FZ	2290	71.336	0.790	3.64%	1	3	0.9218	2500, 1563, 977, 610, 381, 238, 149, 93.1	1.6	YES			SLS-B6-N040716A
B4	DF	AA61FZ	NA	NA	0.707	6.86%	0	3	0.9030	2500, 1563, 977, 610, 381, 238, 149, 93.1	1.6	NO	no points between 0 - 50%		SLS-B7-N040717B
ECBC															
AA61MJ-A1	RF	AA61MJ	NA	NA	0.909	0.96%	0	8	NA	2500, 250, 25, 2.5, 0.25, 0.025, 0.0025, 0.00025	10	RF	range finder; no points between 0 - 50%		SLS-P19
AA61MJ-B1	DF	AA61MJ	NA	NA	0.606	0.30%	0	4	NA	3500, 2381, 1620, 1102, 750, 510, 347, 236	1.47	NO	no points between 0 - 50%	0.02% DMSO in dosing solutions; highest stock conc. is 700,087 ug/ml	SLS-P48
AA61MJ-B2	DF	AA61MJ	NA	NA	0.759	0.65%	0	8	NA	3500, 2893, 2391, 1976, 1633, 1349, 1115, 922	1.21	NO	no points between 0 - 50%	no toxicity	SLS-P60
AA61MJ-B3	DF	AA61MJ	NA	NA	0.831	3.88%	0	8	NA	3500, 2893, 2391, 1976, 1633, 1349, 1115, 922	1.21	NO	no points between 0 - 50%	slight toxicity	SLS-P61
FRAME															
FAL.NHK.RG.A1.24.09.04	RF	AA61RG	635	19.829	0.632	0.55%	1	3	0.6562	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.NHK.SLS.24.09.03
FAL.NHK.RG.B1.01.10.04	DF	AA61RG	8610	268.725	1.078	6.69%	0	8	0.4209	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	NO	PC fails; no points between 50-100%		FAL.NHK.SLS.01.10.04
FAL.NHK.RG.B2.07.10.04	DF	AA61RG	1360	42.297	0.649	3.62%	1	7	0.9324	2000, 930, 433, 201, 93.6, 43.5, 20.3, 9.42	2.15	YES			FAL.NHK.SLS.07.10.03
FAL.NHK.RG.B3.22.10.04	DF	AA61RG	2170	67.812	0.809	0.56%	0	8	0.9463	2000, 930, 433, 201, 93.6, 43.5, 20.3, 9.42	2.15	NO	no points between 0-50%		FAL.NHK.SLS.22.10.04 (NB)
FAL.NHK.RG.B4.28.10.04	DF	AA61RG	1100	34.301	0.625	8.71%	2	1	0.9422	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES			FAL.NHK.SLS.28.10.04
FAL.NHK.RG.B5.05.11.04	DF	AA61RG	938	29.262	0.467	6.43%	2	6	0.5431	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES			FAL.NHK.SLS.05.11.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
NICOTINE															
IIVS															
A1	RF	AA61HL	143	0.881	0.498	34.80%	1	1	0.9606	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; % VC difference > 15	volatility problem; VC1 OD values much lower than VC2; VC1 removed from subsequent analysis by SD	SLS-A4-N040331N
B1	DF	AA61HL	127	0.785	0.572	1.82%	4	4	0.9551	2000, 909, 413, 188, 85.4, 38.8, 17.6, 8.02	2.2	YES		outlier in C6 removed by SD: used plate sealer	SLS-B4-N040513C
B2	DF	AA61HL	128	0.791	0.552	4.42%	4	4	0.9558	2000, 909, 413, 188, 85.4, 38.8, 17.6, 8.02	2.2	YES			SLS-B5-N040514B
B3	DF	AA61HL	79.6	0.491	0.736	1.75%	5	3	0.9593	2000, 909, 413, 188, 85.4, 38.8, 17.6, 8.02	2.2	YES			SLS-B6-N040716A
ECBC															
AA61NA-A1	RF	AA61NA	225	1.390	0.541	27.12%	1	2	0.8258	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; % VC difference > 15	volatility problem	SLS-P38
AA61NA-B1(sealer)	DF	AA61NA	69.7	0.429	0.718	4.19%	5	2	0.8884	5000, 2326, 1082, 503, 234, 109, 51, 24	2.15	YES			SLS-P40
AA61NA-B2 (sealer)	DF	AA61NA	94.2	0.581	0.680	5.37%	5	3	0.9635	2000, 930, 433, 201, 93.6, 43.5, 20.3, 9.42	2.15	YES			SLS-P42
AA61NA-B3 (sealer)	DF	AA61NA	119	0.734	0.871	4.38%	5	3	0.9418	2000, 930, 433, 201, 93.6, 43.5, 20.3, 9.42	2.15	YES			SLS-P44
FRAME															
FAL.NHK.KL.A1.11.08.04	RF	AA61KL	277	1.706	0.455	16.01%	1	1	0.5525	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; % VC difference > 15		FAL.NHK.SLS.11.08.04
FAL.NHK.KL.B1.17.09.04	DF	AA61KL	553	3.412	0.487	26.34%	2	5	0.9450	5000, 2326, 1082, 503, 234, 109, 50.6, 23.6	2.15	NO	% VC difference > 15	outlier removed by SD; possible volatility problem	FAL.NHK.SLS.17.09.04
FAL.NHK.KL.B2.30.09.04	DF	AA61KL	80	0.493	0.478	10.61%	2	2	0.4411	5000, 2326, 1082, 503, 234, 109, 50.6, 23.6	2.15	NO	SD rejects curve	"roller coaster" curve; some low concentrations give high toxicity; SD rejects test	FAL.NHK.SLS.30.09.03
FAL.NHK.KL.B3.08.10.04	DF	AA61KL	193	1.191	0.552	19.76%	2	5	0.8957	5000, 2326, 1082, 503, 234, 109, 50.6, 23.6	2.15	NO	% VC difference > 15	volatility issue	FAL.NHK.SLS.08.10.03
FAL.NHK.KL.B4 .22.10.04	DF	AA61KL	91	0.561	0.730	2.67%	6	2	0.8631	5000, 2326, 1082, 503, 234, 109, 50.6, 23.6	2.15	YES			FAL.NHK.SLS.22.10.04 (NB)
FAL.NHK.KL.B5.29.10.04	DF	AA61KL	118	0.726	0.455	17.69%	5	3	0.9316	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	NO	% VC difference > 15		FAL.NHK.SLS.29.10.04
FAL.NHK.KL.B6.05.11.04	DF	AA61KL	224	1.380	0.376	14.23%	3	5	0.8894	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES			FAL.NHK.SLS.05.11.04
FAL.NHK.KL.B7.12.11.04	DF	AA61KL	85.7	0.528	0.727	2.28%	5	3	0.9249	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES			FAL.NHK.SLS.12.11.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
PARAQUAT															
IIVS															
A1	RF	AA61GD	84.5	0.329	0.578	2.76%	3	0	0.9874	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; no points between 50 - 100%		SLS-A2-N040320B
B1	DF	AA61GD	50.4	0.196	0.564	3.71%	6	2	0.9776	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES			SLS-B1-N040423A
B2	DF	AA61GD	59.8	0.233	0.544	0.60%	5	3	0.9719	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES			SLS-B2-N040424A
B3	DF	AA61GD	50.1	0.194	0.496	3.71%	6	2	0.9679	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES			SLS-B3-N040506A
ECBC															
AA61MP-A1	RF	AA61MP	57.0	0.222	0.407	2.19%	2	2	0.9152	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P5
AA61MP-B1	DF	AA61MP	41.4	0.161	0.597	0.17%	5	3	0.9912	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			SLS-P20
AA61MP-B2	DF	AA61MP	50.7	0.197	1.009	3.67%	4	4	0.9822	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			SLS-P22
AA61MP-B3	DF	AA61MP	52.7	0.205	0.528	7.61%	5	3	0.9820	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			SLS-P24
FRAME															
FAL.NHK.HP.A1.26.03.04	RF	AA61HP	74.5	0.290	0.562	6.58%	2	1	0.9098	100000, 1000, 100,10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.26.03.04
FAL.NHK.HP.B1.25.04.04	DF	AA61HP	57.9	0.225	0.795	3.51%	4	4	0.9828	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			FAL.NHK.SLS.25.04.04
FAL.NHK.HP.B2.28.04.04	DF	AA61HP	60.1	0.234	0.815	1.88%	8	0	0.9066	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	NO	no points between 50 - 100%		FAL.NHK.SLS.28.04.03
FAL.NHK.HP.B3.11.06.04	DF	AA61HP	28.1	0.109	0.790	4.43%	4	4	0.8649	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	NO	PC failed		FAL.NHK.SLS.11.06.04
FAL.NHK.HP.B4.23.06.04	DF	AA61HP	103	0.399	0.811	17.53%	3	3	0.9562	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	NO	% VC difference > 15		FAL.NHK.SLS.23.06.04
FAL.NHK.HP.B5.25.06.04	DF	AA61HP	99.8	0.388	0.850	0.84%	3	2	0.9498	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES			FAL.NHK.SLS.25.06.04
FAL.NHK.HP.B6.12.08.04	DF	AA61HP	55.7	0.217	0.880	2.31%	3	5	0.9207	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	NO	PC fails		FAL.NHK.SLS.12.08.04
FAL.NHK.HP-RB.B7.25.08.04	DF	AA61HP	132	0.515	0.635	4.72%	2	2	0.8927	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES			FAL.NHK.SLS-RB.20.08.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
PARATHION															
IIVS															
A1	RF	AA61PS	95.7	0.329	0.684	5.51%	0	3	0.8685	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; no points between 50 - 100%	SD didn't use data from highest dose in Hill analyses due to the effects of ppts; ppt in 2X C1-C2 & 1X C1-C2	SLS-A3-N040331A
B1	DF	AA61PS	21.2	0.073	0.719	5.83%	6	2	0.9735	1000, 455, 207, 93.9, 42.7, 19.4, 8.82, 4.01	2.2	YES		ppt in 2X C1-C6; ppt in 1X C1-C4	SLS-B12-N041022B
B2	DF	AA61PS	37.8	0.130	0.656	1.73%	3	3	0.9754	100, 62.5, 39.1, 24.4, 15.3, 9.54, 5.96, 3.73	1.6	YES		ppt in 2X C1-C3; ppt in 1X C1	SLS-B113-N041029B
B3	DF	AA61PS	28.1	0.097	0.752	0.68%	3	4	0.9677	100, 62.5, 39.1, 24.4, 15.3, 9.54, 5.96, 3.73	1.6	YES		ppt in 2X C1-C3; ppt in 1X C1-C2	SLS-B14-N041030A
ECBC															
AA61MD-A1	RF	AA61MD	16.0	0.055	0.846	0.38%	2	2	0.9789	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1-C2; ppt in 1X C1	SLS-P39
AA61MD-B1	DF	AA61MD	25.8	0.088	0.995	5.19%	2	3	0.9372	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES		ppt in 2X C1-C2	SLS-P47
AA61MD-B2	DF	AA61MD	45.2	0.155	1.228	1.72%	2	6	0.9633	200, 93.0, 43.3, 20.1, 9.4, 4.4, 2.0, 0.9	2.15	YES		chunks in1X C1; ppt in 2X C1-C3	SLS-P51
AA61MD-B3	DF	AA61MD	31.1	0.107	0.737	1.12%	3	5	0.9554	200, 93.0, 43.3, 20.1, 9.4, 4.4, 2.0, 0.9	2.15	YES		ppt in 2X C1-C3; ppt in 1X C1-C2	SLS-P53
FRAME															
FAL.NHK.KE.A1.20.10 .04	DF	AA61KE	87.1	0.299	1.237	0.40%	2	6	0.9819	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 1X C1	FAL.NHK.SLS.20.10.04
FAL.NHK.KE.B1.29.10.04	DF	AA61KE	33.3	0.114	0.455	24.83%	6	2	0.9604	1500, 698, 325, 151, 70.2, 32.7, 15.2, 7.06	2.15	NO	%VC difference >15	ppt in 2X C1-C3; ppt in C1-C5; volatility problem	FAL.NHK.SLS.29.10.04
FAL.NHK.KE.B2.03.11.04	DF	AA61KE	18.9	0.065	0.606	8.86%	6	2	0.9440	1500, 698, 325, 151, 70.2, 32.7, 15.2, 7.06	2.15	YES		ppt in 1X C1-C4	FAL.NHK.SLS.03.11.04
FAL.NHK.KE.B3.10.11.04	DF	AA61KE	NA	NA	1.144	4.04%	8	0	NA	1500, 1020, 694, 472, 321, 219, 149, 101	1.47	NO	no points between 50 - 100%	ppt in 2X C1-C5; ppt in 1X C1-C7	FAL.NHK.SLS.10.11.04
FAL.NHK.KE.B4.12.11.04	DF	AA61KE	32.1	0.110	0.809	3.24%	6	2	0.9806	1500, 698, 325, 151, 70.2, 32.7, 15.2, 7.06	2.15	YES		ppt in 2X C1-C4; ppt in 1X C1-C3	FAL.NHK.SLS.12.11.04
FAL.NHK.KE.B5.17.11.04	DF	AA61KE	42.7	0.146	0.855	10.63%	5	3	0.9385	1500, 698, 325, 151, 70.2, 32.7, 15.2, 7.06	2.15	YES		ppt in 2X C1-C4	FAL.NHK.SLS.17.11.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
PHENOBARBITAL															
IIVS															
A1	RF	AA61FG	378	1.630	0.575	0.41%	1	1	0.9186	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A5-N040401A
B1	DF	AA61FG	458	1.973	0.629	3.11%	3	4	0.9782	2000, 1111, 617, 343, 191, 106, 58.8, 32.7	1.8	YES		ppt in 1X C1 and 2X C1	SLS-B8-N040819A
B2	DF	AA61FG	362	1.560	0.655	0.89%	3	4	0.9861	2000, 1111, 617, 343, 191, 106, 58.8, 32.7	1.8	YES		ppt in 2X C1	SLS-B9-N040820A
B3	DF	AA61FG	322	1.387	0.623	0.79%	4	4	0.9867	2000, 1111, 617, 343, 191, 106, 58.8, 32.7	1.8	YES		ppt in 2X C1	SLS-B10-N040903A
ECBC															
AA61KV-A1	RF	AA61KV	436	1.875	0.953	0.85%	1	7	0.8831	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P56
AA61KV-B1	DF	AA61KV	569	2.450	0.593	0.65%	3	5	0.9763	3000, 1395, 649, 302, 140, 65, 30, 14	2.15	YES		ppt in 2X C1	SLS-P57
AA61KV-B2	DF	AA61KV	899	3.873	0.114	1.69%	2	4	0.8199	3000, 1395, 649, 302, 140, 65, 30, 14	2.15	YES		ppt in 2X C1	SLS-P58
AA61KV-B3	DF	AA61KV	611	2.631	0.831	1.41%	3	5	0.9887	3000, 1395, 649, 302, 140, 65, 30, 14	2.15	YES		ppt in 2X C1	SLS-P59
FRAME															
FAL.NHK.NJ.A1.24.09.04	RF	AA61NJ	253	1.089	0.619	11.58%	1	1	0.7751	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.NHK.SLS.24.09.03
FAL.NHK.NJ.B1.08.10.04	DF	AA61NJ	361	1.553	0.654	3.81%	2	6	0.9642	1500, 698, 3.25, 151, 70.2, 32.7, 15.2, 7.06	2.15	YES			FAL.NHK.SLS.08.10.03
FAL.NHK.NJ.B2.22.10.04	DF	AA61NJ	455	1.959	0.827	4.81%	3	4	0.9826	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES			FAL.NHK.SLS.22.10.04 (NB)
FAL.NHK.NJ.B3.28.10.04	DF	AA61NJ	264	1.135	0.683	11.67%	3	5	0.9342	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES			FAL.NHK.SLS.28.10.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
PHENOL															
IIVS															
A1	RF	AA61PG	34.4	0.366	0.617	98.64%	2	3	0.9801	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; % VC difference > 15	volatility problem; VC1 OD values much lower than VC2; VC1 removed from subsequent analysis by SD	SLS-A3-N040331A
B1	DF	AA61PG	79.3	0.842	0.522	2.09%	5	3	0.9749	2000, 909, 413, 188, 85.4, 38.8, 17.6, 8.02	2.2	YES			SLS-B1-N040423A
B2	DF	AA61PG	76.6	0.814	0.548	2.89%	3	3	0.9575	2000, 909, 413, 188, 85.4, 38.8, 17.6, 8.02	2.2	YES		ppt in 1X C1	SLS-B2-N040424A
B3	DF	AA61PG	86.5	0.919	0.473	0.39%	4	3	0.9620	2000, 909, 413, 188, 85.4, 38.8, 17.6, 8.02	2.2	YES		used plate sealer; ppt in 1X C1-C2	SLS-B3-N040506A
ECBC															
AA61FV-A1	RF	AA61FV	NA	NA	0.421	99.34%	1	1	NA	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; % VC difference > 15	volatility problem	SLS-P12
AA61FV-B1(sealer)	DF	AA61FV	62.8	0.667	0.622	8.17%	4	3	0.9585	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	YES			SLS-P32
AA61FV-B2 (sealer)	DF	AA61FV	78.5	0.834	0.668	7.31%	3	4	0.9576	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	YES			SLS-P34
AA61FV-B3 (sealer)	DF	AA61FV	36.1	0.383	0.318	2.99%	5	3	0.9402	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	YES			SLS-P36
FRAME															
FAL.NHK.MS.A1.14.05.04	RF	AA61MS	91.0	0.967	0.279	98.26%	3	0	0.2986	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; %VC difference > 15; no pts between 50-100%		FAL.NHK.SLS.14.05.03
FAL.NHK.MS.B1.12.08.04	DF	AA61MS	381	4.049	0.654	13.72%	1	2	0.8273	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	NO	PC fails		FAL.NHK.SLS.12.08.04
FAL.NHK.MS.B2.19.08.04 (RB)	DF	AA61MS	170	1.805	0.168	46.79%	3	1	0.4991	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	NO	PC fails; % VC difference > 15		FAL.NHK.SLS-RB.19.08.04
FAL.NHK.MS-NB.B3.25.08.04	DF	AA61MS	86.7	0.921	1.034	8.73%	4	3	0.9822	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			FAL.NHK.SLS.25.08.04
FAL.NHK.MS.B4.17.09.04	DF	AA61MS	94.6	1.005	0.760	15.15%	3	4	0.9736	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES		outlier removed by SD; potential volatility problem	FAL.NHK.SLS.17.09.04
FAL.NHK.MS.B5.30.09.04	DF	AA61MS	793	8.421	0.589	5.43%	1	0	0.8202	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	NO	no points between 50 - 100%	SD removed data from C8 due to low OD; "roller coaster" curve	FAL.NHK.SLS.30.09.03
FAL.NHK.MS.B6.07.10.04	DF	AA61MS	98.4	1.046	0.650	8.37%	4	3	0.9794	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			FAL.NHK.SLS.07.10.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
PHENYLTHIOUREA															
IIVS															
A1	RF	AA61PV	467	3.066	0.775	1.12%	1	2	0.9466	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A3-N040331A
B1	DF	AA61PV	252	1.658	0.643	1.48%	5	3	0.9786	2500, 1389, 772, 429, 238, 132, 73.5, 40.8	1.8	YES		ppt in 2X C1	SLS-B8-N040819A
B2	DF	AA61PV	352	2.321	0.623	0.41%	4	4	0.9605	2500, 1389, 772, 429, 238, 132, 73.5, 40.8	1.8	YES		ppt in 2X C1	SLS-B9-N040820A
B3	DF	AA61PV	213	1.401	0.654	4.04%	5	3	0.9788	2500, 1389, 772, 429, 238, 132, 73.5, 40.8	1.8	YES		ppt in 2X C1-C2	SLS-B10-N040903A
ECBC															
AA61LN-A1	RF	AA61LN	294	1.930	0.995	4.15%	1	7	0.8497	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P39
AA61LN-B1	DF	AA61LN	362	2.380	0.577	2.20%	3	2	0.9609	2000, 930, 433, 201, 93.6, 43.5, 20.3, 9.42	2.15	YES			SLS-P41
AA61LN-B2	DF	AA61LN	306	2.012	0.705	1.12%	3	5	0.9632	2000, 930, 433, 201, 93.6, 43.5, 20.3, 9.42	2.15	YES			SLS-P43
AA61LN-B3	DF	AA61LN	422	2.771	0.972	5.43%	3	5	0.9477	2000, 930, 433, 201, 93.6, 43.5, 20.3, 9.42	2.15	YES		ppt in 2X C1	SLS-P45
FRAME															
FAL.NHK.JB.A1.14.05.04	RF	AA61 JB	555	3.644	0.678	3.82%	1	7	0.9193	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.NHK.SLS.14.05.03
FAL.NHK.JB.B1.29.10.04	DF	AA61JB	335	2.201	0.575	8.89%	3	5	0.9804	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES		ppt in 2X C1	FAL.NHK.SLS.29.10.04
FAL.NHK.JB.B2.03.11.04	DF	AA61JB	373	2.452	0.526	0.65%	3	5	0.9615	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES			FAL.NHK.SLS.03.11.04
FAL.NHK.JB.B3.05.11.04	DF	AA61JB	495	3.255	0.371	11.87%	3	1	0.8795	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES		ppt in 2X C1	FAL.NHK.SLS.05.11.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
PHYSOSTIGMINE															
IIVS															
A1	RF	AA61NF	136	0.494	0.555	4.16%	1	2	0.9514	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A5-N040401A
B1	DF	AA61NF	146	0.531	0.647	3.80%	4	4	0.9767	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES			SLS-B4-N040513C
B2	DF	AA61NF	129	0.467	0.596	5.79%	3	3	0.9845	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES			SLS-B5-N040514B
B3	DF	AA61NF	141	0.511	0.834	1.84%	3	4	0.9527	500, 357, 255, 182, 130, 93.0, 66.4, 47.4	1.4	YES			SLS-B6-N040716A
ECBC															
AA61FT-A1	RF	AA61FT	123	0.447	0.863	2.71%	1	6	0.9452	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P38
AA61FT-B1	DF	AA61FT	158	0.575	0.691	3.04%	2	5	0.9669	700, 326, 151, 70.4, 32.8, 15.2, 7.09, 3.30	2.15	YES			SLS-P41
AA61FT-B2	DF	AA61FT	164	0.596	0.674	5.99%	2	3	0.9348	300, 204, 139, 94.4, 64.2, 43.7, 29.7, 20.2	1.47	YES			SLS-P43
AA61FT-B3	DF	AA61FT	169	0.612	1.001	2.86%	2	6	0.8953	300, 204, 139, 94.4, 64.2, 43.7, 29.7, 20.2	1.47	YES			SLS-P45
FRAME															
FAL.NHK.GT.A1.24.09.04	RF	AA61GT	153	0.555	0.662	6.01%	1	1	0.6638	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.NHK.SLS.24.09.03
FAL.NHK.GT.B1.01.10.04	DF	AA61GT	225	0.819	1.035	7.61%	2	6	0.9354	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	NO	PC fails		FAL.NHK.SLS.01.10.04
FAL.NHK.GT.B2.07.10.04	DF	AA61GT	107	0.387	0.508	1.13%	3	2	0.9741	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	NO	wrong solvent used (medium); should be DMSO; SD will retest		FAL.NHK.SLS.07.10.03
FAL.NHK.GT.B3.08.10.04	DF	AA61GT	157	0.570	0.695	5.70%	3	5	0.9843	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	NO	wrong solvent used (medium); should be DMSO; SD will retest		FAL.NHK.SLS.08.10.03
FAL.NHK.GT.B4.20.10 .04	DF	AA61GT	470	1.706	1.324	1.47%	1	5	0.9382	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			FAL.NHK.SLS.20.10.04
FAL.NHK.GT.B5.22.10.04	DF	AA61GT	0.366	0.001	0.767	7.78%	7	1	0.9929	1000, 317, 101, 32.0, 10.2, 3.22, 1.02, 0.32	3.15	YES		reach 100% cytotoxicityat C7	FAL.NHK.SLS.22.10.04 (NB)
FAL.NHK.GT.B6.28.10.04	DF	AA61GT	167	0.605	0.596	9.68%	3	4	0.9740	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			FAL.NHK.SLS.28.10.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
POTASSIUM I CHLORIDE															
IIVS															
A2	RF	AA61FF	1490	19.987	0.680	4.54	0	1	0.9413	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF			SLS-A2
B1	DF	AA61FF	2040	27.364	0.355	1.41	4	4	0.9755	10000, 6667, 4444, 2963, 1975, 1317, 878, 585	1.5	YES			SLS-B1
B2	DF	AA61FF	2120	28.437	0.274	8.41	2	4	0.9809	10000, 6667, 4444, 2963, 1975, 1317, 878, 585	1.5	YES			SLS-B2
B3	DF	AA61FF	1810	24.279	0.295	8.80	4	3	0.984	10000, 6667, 4444, 2963, 1975, 1317, 878, 585	1.5	YES			SLS-B3
ECBC															
AA61KM-A1	RF	AA61KM	1460	19.584	0.687	3.96	1	6	0.8761	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF		range finder	SLS-P3
AA61KM-B1	DF	AA61KM	2650	35.547	0.949	0.35	3	5	0.9297	8000, 5442, 3702, 2518, 1714, 1166, 793, 539	1.47	YES			SLS-P7
AA61KM-B2	DF	AA61KM	2090	28.035	0.960	0.99	3	4	0.9645	8000, 5442, 3702, 2518, 1714, 1166, 793, 539	1.47	YES			SLS-P9
AA61KM-B3	DF	AA61KM	2250	30.181	0.797	5.97	3	4	0.9805	8000, 5442, 3702, 2518, 1714, 1166, 793, 539	1.47	NO	PC fails		SLS-P11
AA61KM-B4	DF	AA61KM	2940	39.437	0.666	2.17	3	3	0.9170	8000, 5442, 3702, 2518, 1714, 1166, 793, 539	1.47	YES			SLS-P19
FRAME															
FAL.NHK.MY.A1.010803	RF	AA61MY	1030	13.816	0.503	3.16	0	6	0.7001	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF			FAL.NHK.SLS.010803
FAL.NHK.MY.B1.080803	DF	AA61MY	1610	21.596	0.625	3.72	3	5	0.8175	5000, 3401, 2313, 1574, 1070, 728, 496, 337	1.47	YES		high background	FAL.NHK.SLS.08.08.03
FAL.NHK.MY.B2.15.08.03	DF	AA61MY	4760	63.850	0.250	36.21	1	2	0.2925	5000, 3401, 2313, 1574, 1070, 728, 496, 337	1.47	NO	% VC difference >15; low r2		FAL.NHK.SLS.15.08.03
FAL.NHK.MY.B3.23.08.03	DF	AA61MY	1880	25.218	0.554	7.67	2	6	0.7555	5000, 3401, 2313, 1574, 1070, 728, 496, 337	1.47	NO	PC fails		FAL.NHK.SLS.230803
FAL.NHK.MY.B4.28.08.04	DF	AA61MY	2860	38.364	0.385	5.19	2	6	0.8496	5000, 3401, 2313, 1574, 1070, 728, 496, 337	1.47	YES			FAL.NHK.SLS.280803
FAL.NHK.MY.B5.05.09.03	DF	AA61MY	NA	NA	0.113	NA	NA	NA	NA	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	NO		curve going in wrong direction; plate reversed 180 degrees when reading?	FAL.NHK.SLS.050903
FAL.NHK.MY.B5.15.10.03 (should be B6?)	DF	AA61MY	2390	32.059	0.482	3.11	1	6	0.8444	5000, 2326, 1082, 503, 234, 109, 50.6, 23.5	2.15	YES			FAL.NHK.SLS.15.10.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
POTASSIUM CYANIDE															
IIVS															
A1	RF	AA61KW	0.0006	0.00001	0.173	100.39%	3	0	0.7469	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; no points between 50 - 100%; % VC difference > 15	volatility problem; VC1 OD values much lower than VC2; VC1 removed from subsequent analysis bySD	SLS-A5-N040401A
B1	DF	AA61KW	NA	NA	0.656	2.12%	0	1	NA	0.100, 0.045, 0.021, 0.0094, 0.0043, 0.0019, 0.00088, 0.00040	2.2	NO	no points between 0 - 50%	used plate sealer; induced shift in response	SLS-B4-N040513C
B2	DF	AA61KW	NA	NA	0.541	1.12%	0	0	NA	0.100, 0.045, 0.021, 0.0094, 0.0043, 0.0019, 0.00088, 0.00040	2.2	NO	no points between 0 - 100%	no toxicity detected	SLS-B5-N040514B
B3	DF	AA61KW	19.2	0.295	0.670	0.68%	3	3	0.9761	100, 45.5, 20.7, 9.39, 4.27, 1.94, 0.882, 0.401	2.2	YES			SLS-B6-N040716A
B4	DF	AA61KW	16.6	0.255	0.613	5.27%	3	3	0.9799	100, 45.5, 20.7, 9.39, 4.27, 1.94, 0.882, 0.401	2.2	YES			SLS-B7-N040717B
B5	DF	AA61KW	14.8	0.227	0.584	5.68%	3	3	0.9770	100, 45.5, 20.7, 9.39, 4.27, 1.94, 0.882, 0.401	2.2	YES			SLS-B8-N040819A
ECBC															
AA61MN-A1	RF	AA61MN	NA	NA	0.017	103.07%	4	0	NA	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; no ponts between 50 - 100%; % VC difference > 15		SLS-P38
AA61MN-A2 (sealer)	RF	AA61MN	15.3	0.235	0.758	2.90%	2	3	0.9585	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P44
AA61MN-B1 (sealer)	DF	AA61MN	36.1	0.554	0.744	0.85%	3	4	0.9264	300, 140, 64.9, 30.2, 14.0, 6.53, 3.04, 1.41	2.15	YES			SLS-P46
AA61MN-B2 (sealer)	DF	AA61MN	29.4	0.452	0.939	0.10%	3	5	0.8814	300, 140, 64.9, 30.2, 14.0, 6.53, 3.04, 1.41	2.15	YES			SLS-P50
AA61MN-B3 (sealer)	DF	AA61MN	22.3	0.342	0.498	4.97%	3	2	0.9697	300, 140, 64.9, 30.2, 14.0, 6.53, 3.04, 1.41	2.15	YES			SLS-P52
FRAME															
FAL.NHK.GP.A1.24.09.04	RF	AA61GP	NA	NA	0.005	87.41%	0	0	-0.0679	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.24.09.03
FAL.NHK.GP.B1.01.10.04	DF	AA61GP	4.07	0.062	1.025	7.20%	0	6	0.2038	0.100, 0.0465, 0.0216, 0.0101, 0.0047, 0.0022, 0.0010, 0.0005	2.15	NO	PC fails; no points between 0-50%		FAL.NHK.SLS.01.10.04
FAL.NHK.B2.07.10.04	DF	AA61GP	16.4	0.251	0.331	40.76%	6	1	0.8792	5000, 1587, 504, 160, 50.8, 16.1, 5.12, 1.62	3.15	NO	%VC difference >15	volatility problems	FAL.NHK.SLS.07.10.03
FAL.NHK.GP.B3.20.10 .04	DF	AA61GP	NA	NA	1.150	0.46%	0	0	NA	500, 232, 108, 50.3, 23.9, 10.4, 5.06, 2.35	2.15	NO	no points between 0-100%		FAL.NHK.SLS.20.10.04
FAL.NHK.GP.B4.11.11.04	DF	AA61GP	NA	NA	0.679	9.53%	6	0	NA	2000, 1361, 926, 630, 428, 291,198,135	1.47	NO	no points between 50-100%	all concentrations were toxic	FAL.NHK.SLS.10.11.04
FAL.NHK.GP.B5.17.11.04	DF	AA61GP	71.9	1.105	0.622	22.40%	5	0	0.9016	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	NO	no points between 50-100%; %VC difference >15	outlier removed bySD	FAL.NHK.SLS.17.11.04
FAL.NHK.GP.B6.24.11.04	DF	AA61GP	53.2	0.817	0.906	10.92%	3	4	0.9588	500, 232, 108, 50.3, 23.9, 10.4, 5.06, 2.35	2.15	YES			FAL.NHK.SLS.24.11.04
FAL.NHK.GP.B7.26.11.04	DF	AA61GP	11.9	0.182	0.460	1.72%	3	3	0.9363	500, 232, 108, 50.3, 23.9, 10.4, 5.06, 2.35	2.15	YES			FAL.NHK.SLS.26.11.04
FAL.NHK.GP.B8.10.12.04	DF	AA61GP	202	3.107	0.993	1.92%	1	7	0.9318	500, 232, 108, 50.3, 23.9, 10.4, 5.06, 2.35	2.15	YES		SD has little confidence in values due to chem. volatility & interaction with plate sealer	FAL.NHK.SLS(MO).10.12.04
FAL.NHK.GP.B9.10.12.04	DF	AA61GP	31.6	0.484	0.903	1.34%	2	3	0.9469	500, 232, 108, 50.3, 23.9, 10.4, 5.06, 2.35	2.15	NO	PC fails	SD has little confidence in values due to chem. volatility & interaction with plate sealer	FAL.NHK.SLS.10.12.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
PROCAINAMIDE HCL															
IIVS															
A1	RF	AA61ML	3890	14.314	0.499	3.99%	0	0	0.9391	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; no points between 0 - 100%		SLS-A4-N040331N
B1	DF	AA61ML	2210	8.143	0.558	0.88%	3	2	0.9836	10000, 7519, 5653, 4251, 3196, 2403, 1807, 1358	1.33	YES			SLS-B4-N040513C
B2	DF	AA61ML	1770	6.498	0.510	6.82%	4	1	0.8603	10000, 7519, 5653, 4251, 3196, 2403, 1807, 1358	1.33	YES			SLS-B5-N040514B
B3	DF	AA61ML	2100	7.740	0.694	1.43%	3	2	0.9920	10000, 7519, 5653, 4251, 3196, 2403, 1807, 1358	1.33	YES			SLS-B6-N040716A
ECBC															
AA61KC-A1	RF	AA61KC	5120	18.826	0.703	1.72%	0	4	0.9439	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; no points between 0 - 50%		SLS-P18
AA61KC-B1	DF	AA61KC	1380	5.091	0.752	4.76%	5	2	0.9773	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES			SLS-P32
AA61KC-B2	DF	AA61KC	1350	4.963	0.410	2.83%	4	2	0.9664	5000, 3401, 2314, 1574, 1071, 728, 496, 337	1.47	YES			SLS-P37
AA61KC-B3	DF	AA61KC	1710	6.277	0.647	0.26%	2	4	0.9710	5000, 3401, 2314, 1574, 1071, 728, 496, 337	1.47	YES			SLS-P38
FRAME															
FAL.NHK.GV.A1.28.07.04	RF	AA61GV	1330	4.884	0.055	6.80%	1	1	0.6423	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.28.07.04
FAL.NHK.GV.B1.11.08.04	DF	AA61GV	1730	6.365	0.464	0.97%	1	1	0.9180	10000, 4651, 2163, 1006, 468, 218, 101, 47	2.15	YES			FAL.NHK.SLS.11.08.04
FAL.NHK.GV.B2.17.09.04	DF	AA61GV	2030	7.478	0.775	4.46%	2	1	0.9417	5000, 3401, 2314, 1574, 1071, 728, 496, 337	1.47	YES			FAL.NHK.SLS.17.09.04
FAL.NHK.GV.B3.07.10.04	DF	AA61GV	1600	5.885	0.613	7.61%	3	3	0.9809	5000, 3401, 2314, 1574, 1071, 728, 496, 337	1.47	YES			FAL.NHK.SLS.07.10.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
2-PROPANOL															
IIVS															
A2	RF	AA61GC	28100	467.554	0.731	5.06	0	4	0.6596	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A2
A2 with plate cover	RF	AA61GC	9820	163.394	0.556	2.40	1	1	0.8691	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A3
B1	DF	AA61GC	15100	251.248	0.296	20.61	2	4	0.8006	20000, 14286, 10204, 7289, 5206, 3719, 2656, 1897	1.4	NO	VC difference > 15%		SLS-B1
B1 with plate cover	DF	AA61GC	6610	109.983	0.316	4.51	3	3	0.9817	20000, 14286, 10204, 7289, 5206, 3719, 2656, 1897	1.4	YES			SLS-B1
B2	DF	AA61GC	13600	226.290	0.233	23.35	2	4	0.8	20000, 14286, 10204, 7289, 5206, 3719, 2656, 1897	1.4	NO	VC difference > 15%		SLS-B2
B2 with plate cover	DF	AA61GC	7570	125.957	0.243	9.58	2	3	0.9695	20000, 14286, 10204, 7289, 5206, 3719, 2656, 1897	1.4	YES			SLS-B2
B3	DF	AA61GC	19200	319.468	0.25	26.08	0	5	0.617	20000, 14286, 10204, 7289, 5206, 3719, 2656, 1897	1.4	NO	VC difference > 15%; no points 50-100%; low R2		SLS-B3
B3 with plate cover	DF	AA61GC	7080	117.804	0.313	3.69	4	4	0.9821	20000, 14286, 10204, 7289, 5206, 3719, 2656, 1897	1.4	YES			SLS-B3
ECBC															
AA61JL-A1	RF	AA61JL	NA	NA	0.726	0.28	0	5	NA	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	no points between 0.1 - 50%; no r2 nor ICx values could be calculated	range finder	SLS-P2
AA61JL-B1	DF	AA61JL	NA	NA	0.457	63.96	6	1	NA	50000, 34014, 23139, 15740, 10707, 7284, 4955, 3370	1.47	NO	%VC difference > 15; no r2 nor ICx values could be calculated	Volatility of largest conc contaminated VC & others	SLS-P9
AA61JL-B2	DF	AA61JL	NA	NA	0.554	35.73	4	2	NA	50000, 34014, 23139, 15740, 10707, 7284, 4955, 3370	1.47	NO	PC fails; %VC difference > 15; no r2 nor ICx values could be calculated;	Volatility of largest conc contaminated VC & others	SLS-P11
AA61JL-B3 sealer	DF	AA61JL	4610	76.705	0.646	7.33	3	4	0.9280	20000, 13605, 9255, 6296, 4283, 2914, 1982, 1348	1.47	YES			SLS-P12
AA61JL-B4 sealer	DF	AA61JL	5450	90.682	0.480	2.76	2	5	0.8957	20000, 13605, 9255, 6296, 4283, 2914, 1982, 1348	1.47	YES			SLS-P18
AA61JL-B5 sealer	DF	AA61JL	5730	95.341	0.582	1.85	4	3	0.9429	20000, 13605, 9255, 6296, 4283, 2914, 1982, 1348	1.47	YES			SLS-P19
FRAME															
FAL.NHK.NG.A1.30.07.03	RF	AA61NG	NA	NA	1.332	1.06	0	7	0.3849	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; no points between 0.1 - 50%	Little toxicity	FAL.NHK.SLS.30.07.03
FAL.NHK.NG.B1.07.08.03	DF	AA61NG	1220	20.300	0.400	5.06	3	5	0.1851	10000, 6802, 4628, 3148, 2142, 1457, 991, 674.1	1.47	NO	low r2	SD wonders if chemical is a mitotic inhibitor	FAL.NHK.SLS.07.08.03
FAL.NHK.NG.B2.15.08.03	DF	AA61NG	2390	39.767	0.474	3.95	2	1	0.6756	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	NO	low r2		FAL.NHK.SLS.15.08.03
FAL.NHK.NG.B4.05.09.03 (plate sealer)	DF	AA61NG	21800	362.729	0.129	15.55	1	3	0.7750	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	NO	% VC difference >15	SD provided revised file to correct data entry error	FAL.NHK.SLS.050903
FAL.NHK.NG.B5.15.10.03 plate sealer and mineral oil	DF	AA61NG	7460	124.126	0.624	3.14	1	5	0.6032	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	NO	RF format; low r2		FAL.NHK.SLS.15.10.03
FAL.NHK.NG.B6.19.10.03 plate sealer	DF	AA61NG	5850	97.338	0.262	19.17	4	3	0.9245	20000, 13605, 9255, 6296, 4283, 2914, 1982, 1348	1.47	NO	% VC difference >15		FAL.NHK.SLS.19.10.03
FAL.NHK.NG.B6.19.10.03 mineral oil	DF	AA61NG	5020	83.527	0.182	3.99	1	4	0.7943	20000, 13605, 9255, 6296, 4283, 2914, 1982, 1348	1.47	NO	Mineral oil	experimental	FAL.NHK.SLS.19.10.03
FAL.NHK.NG.B7.23.10.03 plate sealer	DF	AA61NG	2410	40.100	0.236	9.93	4	4	0.6362	20000, 9302, 4327, 2012, 936, 435, 202, 94	2.15	NO	low r2		FAL.NHK.SLS.23.10.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
FAL.NHK.NG.B7.23.10.03 mineral oil	DF	AA61NG	4710	78.369	0.251	8.11	3	3	0.5306	20000, 9302, 4327, 2012, 936, 435, 202, 94	2.15	NO	low r2		FAL.NHK.SLS.23.10.03
FAL.NHK.NG.B8.24.10.03 plate sealer	DF	AA61NG	5220	86.855	0.622	0.92	2	3	0.8150	20000, 9302, 4327, 2012, 936, 435, 202, 94	2.15	YES			FAL.NHK.SLS.24.10.03
FAL.NHK.NG.B8.24.10.03 mineral oil	DF	AA61NG	4730	78.702	0.709	2.74	2	4	0.7880	20000, 9302, 4327, 2012, 936, 435, 202, 94	2.15	NO	low r2; Mineral oil	experimental	FAL.NHK.SLS.24.10.03
FAL.NHK.NG.B9.05.11.03ps plate sealer	DF	AA61NG	4590	76.373	0.561	4.88	2	1	0.8354	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	YES			FAL.NHK.SLS.05.11.03 (revised by study director)
FAL.NHK.NG.B9.05.11.03 min oil (mineral oil)	DF	AA61NG	4480	74.542	0.564	20.01	2	2	0.7822	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	NO	low r2; VC difference >15%; Mineral oil	experimental	FAL.NHK.SLS.05.11.03 (revised by study director)
FAL.NHK.NG.B10.07.11.03Ps plate sealer	DF	AA61NG	3010	50.083	0.243	1.37	3	1	0.7256	20000, 9302, 4327, 2012, 936, 435, 202, 94	2.15	YES		challenging chemical; SMT accepts this test	FAL.NHK.SLS.07.11.03
FAL.NHK.NG.B10.07.11.03.mo (mineral oil)	DF	AA61NG	2610	43.428	0.270	5.07	2	1	0.8214	20000, 9302, 4327, 2012, 936, 435, 202, 94	2.15	NO	Mineral oil	experimental	FAL.NHK.SLS.07.11.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
PROPRANOLOL															
IIVS															
Preliminary	RF	AA61GU	23.1	0.078	0.606	4.44%	0	0	0.9617	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001		RF	range finder		Preliminary
B1	DF	AA61GU	29.6	0.100	0.582	4.61%	2	1	0.9576	100, 56.3, 31.6, 17.8, 10.0, 5.6, 3.2, 1.8		YES			SLS-B1
B2	DF	AA61GU	26.9	0.091	0.764	0.61%	2	2	0.9790	100, 56.3, 31.6, 17.8, 10.0, 5.6, 3.2, 1.8		YES			SLS-B2
B3	DF	AA61GU	25.2	0.085	1.001	0.94%	2	4	0.9652	100, 56.3, 31.6, 17.8, 10.0, 5.6, 3.2, 1.8		YES			SLS-B3
B4	DF	AA61GU	32.7	0.111	0.907	4.02%	1	2	0.9864	100, 56.3, 31.6, 17.8, 10.0, 5.6, 3.2, 1.8		YES			SLS-B4
ECBC															
ECBC-NHK-Ib-01 AA61KH-A1	RF	AA61KH	15.8	0.053	1.006	0.13%	0	2	0.9629	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001		RF	range finder		SLS-P1
ECBC-NHK-Ib-02 AA61KH-B1	DF	AA61KH	33.1	0.112	1.153	0.37%	1	3	0.9724	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.91, 6.74		YES			SLS-P3
ECBC-NHK-Ib-03 AA61KH-B2	DF	AA61KH	40.1	0.136	1.216	7.40%	2	1	0.9856	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.91, 6.74		YES			SLS-P4
ECBC-NHK-Ib-04 AA61KH-B3	DF	AA61KH	41.6	0.141	1.153	5.14%	2	1	0.9683	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.91, 6.74		YES			SLS-P5
FRAME															
A1 1b/NHKRF1b/FAL/NM	RF	AA61NM	3.53	0.012	0.149	7.05%	0	3	0.8056	100, 20, 4, 0.8, 0.16, 0.032, 0.0064, 0.00128	5	RF	range finder		A1 1b/NHKCTR1/FAL/SLS
A2 1b/NHKRF2/FAL/NM	RF	AA61NM	8.66	0.029	0.475	9.32%	1	2	0.8193	100, 68.02, 46.27, 31.47, 21.40, 14.50, 9.90, 6.70	1.47	RF	range finder		A2 1b/NHKCTR2/FAL/SLS
A3 1b/NHK/DF2/FAL/NM	DF	AA61NM	24.4	0.082	0.042	11.04%	0	2	0.3257	30, 20.4, 13.8, 9.4, 6.42, 4.37, 2.97, 2.02	1.47	NO	No point between 10 & 50%; R^2 < 0.8; PC failed	NR crystal problems; used medium not normally used; removing outlier doesn't significantly improve R2	A3 1b/NHK/CTR4/FAL/
A4 1b/NHK/DF3/FAL/NM	DF	AA61NM	1.22	0.004	0.140	15.20%	0	4	0.0680	30, 20.4, 13.8, 9.4, 6.42, 4.37, 2.97, 2.02	1.47	NO	No point between 10 & 50% viability; R^2 < 0.8	NR crystal problems; used medium not normally used	A4 1b/NHK/CTR5/FAL
A5 1b/NHK/DF4/FAL/NM	DF	AA61NM	NA	NA	0.008	9.78%	0	0	NC	30, 20.4, 13.8, 9.4, 6.42, 4.37, 2.97, 2.02	1.47	NO	No points between 10 & 90%; no R^2 or ICx; PC failed	NR crystal problems; used medium not normally used; OD values of test wells no different than the background ODs; negative values for VC	A5 1b/NHK/CTR6/FAL
A6 1b/NHK/DF5/FAL/NM recalculated w/o outliers	DF	AA61NM	54.0	0.183	1.686	2.60%	0	8	0.7186	30, 20.4, 13.8, 9.4, 6.42, 4.37, 2.97, 2.02	1.47	NO	No point between 10 & 50%; R^2 < 0.8	removed two outliers; didn't reach IC50	A6 1b/NHK/CTR7/FAL
A8 1b/NHK/DF7/FAL/NM	DF	AA61NM	NA	NA	1.045	2.91%	0	5	NC	50, 34.01, 23.13, 15.74, 10.70, 7.28, 4.95,3.36	1.47	NO	No point between 10 & 50%; no R^2 or ICx	PRISM couldn't do calculations; didn't reach IC50; recalc w/o outliers didn't improve curve fit, so they have not been removed	A8 1b/NHK/CTR9/FAL
A9 1b/NHK/DF8/FAL/NM	DF	AA61NM	3.21	0.011	1.026	25.70%	0	4	0.1476	50, 34.01, 23.13, 15.74, 10.70, 7.28, 4.95,3.36	1.47	NO	VC difference > 15%; no point between 10 & 50%; R^2 < 0.8; PC failed	U-shaped dose-response	A9 1b/NHK/CTR10/FAL
A10 1b/NHK/DF9/FAL/NM	DF	AA61NM	42.8	0.145	0.954	2.32%	1	3	0.5573	350, 238.1, 162.0, 110.2, 75.0, 51.0, 34.7, 23.6	1.47	NO	R^2 < 0.8	no outliers; nonmonotonic response	A10 1b/NHK/CTR11/FAL
A11 1b/NHK/DF10/FAL/NM	DF	AA61NM	46.5	0.157	1.280	0.27%	1	2	0.8686	350, 238.1, 162.0, 110.2, 75.0, 51.0, 34.7, 23.6	1.47	YES		removed 3 outliers	A11 1b/NHK/CTR12/FAL
A12 1b/NHK/DG11/FAL/NM	DF	AA61NM	26.0	0.088	0.539	6.14%	3	0	0.8391	350, 238.1, 162.0, 110.2, 75.0, 51.0, 34.7, 23.6	1.47	NO	No point between 50 & 90%		A12 1b/NHK/CTR13/FAL/SLS
1b/NHK/DF12/FAL/NM	DF	AA61NM	43.4	0.147	0.650	5.04%	1	2	0.9265	350, 238.1, 162.0, 110.2, 75.0, 51.0, 34.7, 23.6	1.47	YES			1b/NHK/CTR14/FAL/SLS
1b/NHK/DF13/FAL/NM	DF	AA61NM	41.5	0.140	0.897	2.57%	2	2	0.9555	350, 238.1, 162.0, 110.2, 75.0, 51.0, 34.7, 23.6	1.47	YES			1b/NHK/CTR15/FAL/SLS

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
PROPYLPARABEN															
IIVS															
A1	RF	AA61PX	15.0	0.083	0.719	1.51%	2	2	0.9878	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A2-N040320B
B1	DF	AA61PX	13.4	0.075	0.631	1.14%	5	3	0.9849	200, 111, 61.7, 34.3, 19.1, 10.6, 5.88, 3.27	1.8	YES			SLS-B1-N040423A
B2	DF	AA61PX	15.2	0.085	0.664	3.40%	5	3	0.9935	200, 111, 61.7, 34.3, 19.1, 10.6, 5.88, 3.27	1.8	YES			SLS-B2-N040424A
B3	DF	AA61PX	12.9	0.072	0.512	1.92%	4	3	0.9841	200, 111, 61.7, 34.3, 19.1, 10.6, 5.88, 3.27	1.8	YES			SLS-B3-N040506A
ECBC															
AA61PK-A1	RF	AA61PK	14.8	0.082	0.534	9.07%	2	1	0.8856	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1 and 1X C1	SLS-P5
AA61PK-B1	DF	AA61PK	20.7	0.115	0.960	0.09%	4	4	0.9856	300, 140, 64.9, 30.2, 14.0, 6.53, 3.04, 1.41	2.15	YES			SLS-P27
AA61PK-B2	DF	AA61PK	15.9	0.088	1.059	0.57%	4	4	0.9647	300, 140, 64.9, 30.2, 14.0, 6.53, 3.04, 1.41	2.15	YES			SLS-P29
AA61PK-B3	DF	AA61PK	17.7	0.098	0.760	0.66%	4	4	0.9877	300, 140, 64.9, 30.2, 14.0, 6.53, 3.04, 1.41	2.15	YES			SLS-P30
FRAME															
FAL.NHK.HT.A1.26.03.04	RF	AA61HT	23.4	0.130	0.486	8.29%	2	2	0.7353	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.NHK.SLS.26.03.04
FAL.NHK.HT.A2.25.04.04	RF	AA61HT	NA	NA	0.729	50.05%	2	2	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; wrong desorb solution used in NRU; SD rejects test	same application date and PC as HT A1	FAL.NHK.SLS.26.03.04
FAL.NHK.HT.B1.28.04.04	DF	AA61HT	20.4	0.113	1.018	5.66%	2	3	0.9749	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			FAL.NHK.SLS.28.04.03
FAL.NHK.HT.B2.11.06.04	DF	AA61HT	10.7	0.060	0.892	2.02%	4	4	0.9211	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	NO	PC failed		FAL.NHK.SLS.11.06.04
FAL.NHK.HT.B3.23.06.04	DF	AA61HT	NA	NA	0.521	99.17%	NA	NA	NA	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	NO	% VC difference > 15	no cells in VC2; no PRISM file	FAL.NHK.SLS.23.06.04
FAL.NHK.HT.B4.25.06.04	DF	AA61HT	15.3	0.085	1.063	4.00%	3	5	0.9548	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			FAL.NHK.SLS.25.06.04
FAL.NHK.HT.B5.20.08.04	DF	AA61HT	20.0	0.11072	0.906	0.85%	2	2	0.9443	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			FAL.NHK.SLS.20.08.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
SODIUM ARSENITE															
IIVS															
A1	RF	AA61MV	0.581	0.004	0.393	15.03%	2	1	0.9631	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder	volatile effects in VC1 and VC2	SLS-A5-N040401A
B1	DF	AA61MV	0.440	0.003	0.590	11.98%	3	1	0.9426	30.0, 13.6, 6.20, 2.82, 1.28, 0.582, 0.265, 0.120	2.2	YES		used plate sealer	SLS-B4-N040513C
B2	DF	AA61MV	0.546	0.004	0.580	1.54%	4	1	0.9724	30.0, 13.6, 6.20, 2.82, 1.28, 0.582, 0.265, 0.120	2.2	YES		plate sealer used	SLS-B5-N040514B
B3	DF	AA61MV	0.424	0.003	0.666	3.98%	3	2	0.9931	30.0, 13.6, 6.20, 2.82, 1.28, 0.582, 0.265, 0.120	2.2	YES		plate sealer used	SLS-B6-N040716A
ECBC															
AA61KA-A1	RF	AA61KA	0.506	0.004	0.850	0.23%	3	2	0.9923	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P18
AA61KA-B1	DF	AA61KA	1.05	0.008	0.822	1.69%	3	3	0.9450	8.00, 3.72, 1.73, 0.805, 0.374, 0.174, 0.081, 0.038	2.15	YES			SLS-P26
AA61KA-B2	DF	AA61KA	0.764	0.006	1.005	1.85%	4	4	0.9892	8.00, 3.72, 1.73, 0.805, 0.374, 0.174, 0.081, 0.038	2.15	YES			SLS-P28
AA61KA-B3	DF	AA61KA	0.555	0.004	0.801	0.43%	4	4	0.9804	8.00, 3.72, 1.73, 0.805, 0.374, 0.174, 0.081, 0.038	2.15	YES			SLS-P30
FRAME															
FAL.NHK.GS.A1.24.09.04	RF	AA61GS	0.056	0.0004	0.652	2.90%	1	3	0.9075	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.24.09.03
FAL.NHK.GS.B1.01.10.04	DF	AA61GS	1.07	0.008	0.961	3.18%	2	4	0.9814	10.0, 4.65, 2.16, 1.01, 0.47, 0.22, 0.10, 0.05	2.15	NO	PC fails		FAL.NHK.SLS.01.10.04
FAL.NHK.GS.B2.07.10.04	DF	AA61GS	0.275	0.002	0.516	3.33%	5	3	0.9843	10.0, 4.65, 2.16, 1.01, 0.47, 0.22, 0.10, 0.05	2.15	YES			FAL.NHK.SLS.07.10.03
FAL.NHK.GS.B3 .22.10.04	DF	AA61GS	0.545	0.004	0.712	5.53%	4	1	0.9815	10.0, 4.65, 2.16, 1.01, 0.47, 0.22, 0.10, 0.05	2.15	YES			FAL.NHK.SLS.22.10.04 (MO)
FAL.NHK.GS.B4 .28.10.04	DF	AA61GS	0.187	0.001	0.759	3.27%	6	2	0.9854	10.0, 4.65, 2.16, 1.01, 0.47, 0.22, 0.10, 0.05	2.15	YES			FAL.NHK.SLS.28.10.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
SODIUM CHLORIDE															
IIVS															
A1	RF	AA61PE	2100	35.999	0.630	2.05%	1	1	0.9570	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A3-N040331A
B1	DF	AA61PE	NA	NA	0.549	1.11%	0	0	NA	1000, 625, 391, 244, 153, 95.4, 59.6, 37.3	1.6	NO	no points between 0 - 100%		SLS-B4-N040513C
B2	DF	AA61PE	NA	NA	0.518	0.68%	0	2	NA	1000, 625, 391, 244, 153, 95.4, 59.6, 37.3	1.6	NO	no points between 0 - 100%	toxicity not detected	SLS-B5-N040514B
B3	DF	AA61PE	3170	54.236	0.707	4.08%	3	4	0.9471	10000, 7143, 5102, 3644, 2603, 1859, 1328, 949	1.4	YES		outlier removed by SD	SLS-B6-N040716A
B4	DF	AA61PE	3470	59.332	0.599	10.23%	3	5	0.9518	10000, 7143, 5102, 3644, 2603, 1859, 1328, 949	1.4	YES			SLS-B7-N040717B
B5	DF	AA61PE	3770	64.460	0.550	2.04%	2	3	0.9280	10000, 7143, 5102, 3644, 2603, 1859, 1328, 949	1.4	YES			SLS-B8-N040819A
ECBC															
AA61JW-A1	RF	AA61JW	2250	38.485	0.817	2.63%	1	5	0.9346	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P12
AA61JW-B1	DF	AA61JW	3730	63.869	0.949	2.37%	3	5	0.9583	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES			SLS-P26
AA61JW-B2	DF	AA61JW	3740	64.016	0.999	4.56%	3	4	0.9559	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES			SLS-P28
AA61JW-B3	DF	AA61JW	3280	56.142	0.746	0.28%	3	5	0.9504	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES			SLS-P30
FRAME															
FAL.NHK.FM.A1.14.05.04	RF	AA61FM	2330	39.837	0.715	0.68%	1	4	0.9613	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.14.05.03
FAL.NHK.FM.B1.25.06.04	DF	AA61FM	366	6.256	0.954	1.08%	1	4	0.9769	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			FAL.NHK.SLS.25.06.04
FAL.NHK.FM.B2.12.08.04	DF	AA61FM	NA	NA	0.658	6.32%	0	0	NA	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	NO	PC fails; no points between 0 - 100%		FAL.NHK.SLS.12.08.04
FAL.NHK.FM.B3.19.08.04 nb	DF	AA61FM	NA	NA	0.397	0.95%	0	1	NA	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	NO	no points between 0 - 50%	no toxicity detected	FAL.NHK.SLS-NB.19.08.04
FAL.NHK.FM.B4.30.09.04	DF	AA61FM	NA	NA	0.558	4.48%	0	4	0.7866	2500, 930, 433, 201, 93.6, 43.5, 20.3, 9.42	2.15	NO	no points between 0 - 50%	toxicity curve begins to rise at high concentrations; maybe affecting NRU	FAL.NHK.SLS.30.09.03
FAL.NHK.FM.B5.05.11.04	DF	AA61FM	268	4.584	0.455	0.60%	1	6	0.8717	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			FAL.NHK.SLS.05.11.04
FAL.NHK.FM.B3. 12.11.04 (should be B6)	DF	AA61FM	NA	NA	0.694	14.43%	0	3	NA	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	NO	no points between 0 - 50%	ppt in 1X C1-C4	FAL.NHK.SLS.12.11.04
FAL.NHK.FM.B7.17.11.04	DF	AA61FM	NA	NA	0.919	5.26%	0	8	NA	2000, 1527, 1165, 890, 679, 518, 396, 302	1.31	NO	no points between 0 - 50%		FAL.NHK.SLS.17.11.04
FAL.NHK.FM.B8.26.11.04	DF	AA61FM	2720	46.590	0.636	2.88%	2	6	0.9214	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	YES			FAL.NHK.SLS.26.11.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
SODIUM DICHROMATE DIHYDRATE															
IIVS															
A1	RF	AA61FP	0.390	0.001	0.545	2.40%	2	2	0.9955	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A4-N040331N
B1	DF	AA61FP	0.527	0.002	0.587	1.15%	3	4	0.9863	5.00, 2.78, 1.54, 0.857, 0.476, 0.265, 0.147, 0.082	1.8	YES			SLS-B4-N040513C
B2	DF	AA61FP	0.511	0.002	0.522	0.67%	4	4	0.9863	5.00, 2.78, 1.54, 0.857, 0.476, 0.265, 0.147, 0.082	1.8	YES			SLS-B5-N040514B
B3	DF	AA61FP	0.691	0.002	0.711	0.67%	4	4	0.9841	5.00, 2.78, 1.54, 0.857, 0.476, 0.265, 0.147, 0.082	1.8	YES			SLS-B6-N040716A
ECBC															
AA61NT-A1	RF	AA61NT	0.284	0.0010	0.542	1.94%	4	3	0.9819	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P16
AA61NT-B1	DF	AA61NT	0.781	0.003	0.837	1.68%	1	7	0.8935	1.00, 0.680, 0.463, 0.315, 0.214, 0.146, 0.099, 0.067	1.47	YES			SLS-P26
AA61NT-B2	DF	AA61NT	0.899	0.003	0.915	2.34%	2	6	0.9495	2.00, 1.361, 0.926, 0.630, 0.428, 0.291, 0.198, 0.135	1.47	YES			SLS-P28
AA61NT-B3	DF	AA61NT	0.673	0.002	0.762	1.72%	3	5	0.9680	2.00, 1.361, 0.926, 0.630, 0.428, 0.291, 0.198, 0.135	1.47	YES			SLS-P30
FRAME															
FAL.NHK.HK.A1.28.07.04	RF	AA61HK	0.112	0.000	0.059	15.81%	5	3	0.7460	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; % VC difference > 15		FAL.NHK.SLS.28.07.04
FAL.NHK.HK.***A1.28.07.04 (should be 11.08.04)***	RF	AA61HK	0.770	0.003	0.623	6.22%	1	1	0.9797	100, 31.6, 10.0, 3.17, 1.00, 0.317, 0.100, 0.0318	3.16	YES			FAL.NHK.SLS.11.08.04
FAL.NHK.HK-NB.B2.25.08.04	DF	AA61HK	48.8	0.164	0.877	4.03%	1	4	0.9276	100, 31.6, 10.0, 3.17, 1.00, 0.317, 0.100, 0.0318	3.16	NO	SD rejects		FAL.NHK.SLS.25.08.04
FAL.NHK.HK.B3.03.11.04	DF	AA61HK	0.512	0.002	0.518	1.50%	1	3	0.9921	100, 31.6, 10.0, 3.17, 1.00, 0.317, 0.100, 0.0318	3.16	YES		solvent listed as DMSO--should be medium; SD confirmed medium was used	FAL.NHK.SLS.03.11.04
FAL.NHK.HK.B3.12.11.04 (should be B4)	DF	AA61HK	0.882	0.003	0.792	0.95%	5	3	0.9919	100, 31.6, 10.0, 3.17, 1.00, 0.317, 0.100, 0.0318	3.16	YES			FAL.NHK.SLS.12.11.04
FAL.NHK.HK.B4.24.11.04 (should be B5)	DF	AA61HK	1.24	0.004	1.060	0.46%	1	2	0.9962	100, 31.6, 10.0, 3.17, 1.00, 0.317, 0.100, 0.0318	3.16	YES			FAL.NHK.SLS.24.11.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
SODIUM I FLUORIDE															
IIVS															
A2	RF	AA61HF	50.2	1.196	0.624	2.61%	2	1	0.9754	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A2
B1	DF	AA61HF	50.1	1.193	0.355	6.81%	5	1	0.9643	300, 188, 117, 73.2, 45.8, 28.6, 17.9, 11.2	1.6	YES			SLS-B1
B2	DF	AA61HF	51.9	1.236	0.275	12.46%	5	2	0.9713	300, 188, 117, 73.2, 45.8, 28.6, 17.9, 11.2	1.6	YES			SLS-B2
B3	DF	AA61HF	49.1	1.169	0.321	2.29%	5	3	0.9679	300, 188, 117, 73.2, 45.8, 28.6, 17.9, 11.2	1.6	YES			SLS-B3
B6	DF	AA61HF	63.8	1.519	0.56	6.98%	4	4	0.9088	150, 115, 88.8, 68.3, 52.5, 40.4, 31.1, 23.9	1.46	YES			SLS-B7
ECBC															
AA61MG-A1	RF	AA61MG	35.2	0.838	0.673	0.47%	2	3	0.9552	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	range finder	range finder	SLS-P2
AA61MG-B1	DF	AA61MG	55.0	1.310	0.359	0.67%	3	5	0.9146	1000, 300, 100, 30, 10, 3, 1, 0.3	3.33	YES			SLS-P5
AA61MG-B2	DF	AA61MG	41.3	0.984	0.855	2.57%	4	4	0.9376	150, 102.5, 69.4, 47.2, 32.1, 21.8, 14.9, 10.1	1.47	YES			SLS-P7
AA61MG-B3	DF	AA61MG	49.8	1.186	0.942	1.56%	4	4	0.9160	150, 102.5, 69.4, 47.2, 32.1, 21.8, 14.9, 10.1	1.47	YES			SLS-P9
FRAME															
FAL.NHK.RH.A1.010803	RF	AA61RH	3.94	0.094	1.113	4.56%	3	4	0.9474	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.010803
FAL.NHK.RH.B1.080803	DF	AA61RH	28.6	0.681	0.762	0.08	1	5	0.9046	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	YES	range finder format	high background	FAL.NHK.SLS.08.08.03
FAL.NHK.RH.B2.15.08.03	DF	AA61RH	45.2	1.076	0.549	0.03	4	3	0.9257	500, 233, 108, 50.3, 23.4, 10.9, 5.06, 2.35	2.15	YES			FAL.NHK.SLS.15.08.03
FAL.NHK.RH.B3.01.10.03	DF	AA61RH	51.2	1.219	1.140	0.01	4	4	0.9761	500, 233, 108, 50.3, 23.4, 10.9, 5.06, 2.35	2.15	NO	PC fails	PC fails	FAL.NHK.SLS.01.10.03
FAL.NHK.RH.B3.15.10.03 (should be B4?)	DF	AA61RH	45.3	1.079	0.531	0.01	4	3	0.9771	500, 233, 108, 50.3, 23.4, 10.9, 5.06, 2.35	2.15	YES			FAL.NHK.SLS.15.10.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
SODIUM HYPOCHLORITE															
IIVS															
A1	RF	AA61RD	1250	16.796	0.439	6.83%	0	2	0.9817	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; no points between 0 - 50%		SLS-A1-N040317B
B1	DF	AA61RD	1620	21.787	0.530	4.61%	4	2	0.9847	10000, 5556, 3086, 1715,953, 529, 294, 163	1.8	YES			SLS-B1-N040423A
B2	DF	AA61RD	1460	19.642	0.571	5.89%	2	1	0.9828	10000, 5556, 3086, 1715,953, 529, 294, 163	1.8	YES			SLS-B2-N040424A
B3	DF	AA61RD	1820	24.389	0.515	7.20%	3	3	0.9820	4000, 2857, 2041, 1458, 1041, 744, 531, 379	1.4	YES			SLS-B3-N040506A
ECBC															
AA61HE-A1	RF	AA61HE	1030	13.874	0.465	7.39%	0	1	0.8508	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P3
AA61HE-B1	DF	AA61HE	1960	26.375	0.975	3.79%	2	3	0.9309	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	YES			SLS-P7
AA61HE-B2	DF	AA61HE	2390	32.151	1.161	1.44%	2	5	0.9791	5000, 3401, 2313, 1574, 1071, 728, 496, 337	1.47	YES			SLS-P9
AA61HE-B3	DF	AA61HE	1240	16.718	0.725	0.10%	4	3	0.9857	5000, 3401, 2313, 1574, 1071, 728, 496, 337	1.47	YES			SLS-P12
FRAME															
FAL.NHK.LU.A1.13.02.03	RF	AA61LU	955	12.829	0.077	1.41%	1	0	0.0662	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder	rejected by SD due to bacterial contam. in some of the plates in this test series	FAL.NHK.SLS.13.02.03
FAL.NHK.LU.A2.20.02.03	DF	AA61LU	738	9.913	0.204	12.54%	6	1	0.9071	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES		this is a definitive test since conc. series is different from A1 RF	FAL.NHK.SLS.20.02.03
FAL.NHK.LU.B1.27.02.04	DF	AA61LU	NA	NA	0.492	9.65%	0	0	NA	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	NO	no points between 0-100%; wrong solvent used	used wrong solvent; should be medium instead of DMSO	FAL.NHK.SLS.27.02.03
FAL.NHK.LU.B2.19.03.04	DF	AA61LU	1120	15.073	0.437	3.51%	2	6	0.9027	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	YES			FAL.NHK.SLS.19.03.03
FAL.NHK.LU.B3.25.03.04	DF	AA61LU	1870	25.130	0.628	1.58%	1	2	0.7836	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	YES			FAL.NHK.SLS.25.03.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
SODIUM OXALATE															
IIVS															
A1	RF	AA61GX	NA	NA	0.503	2.45%	0	2	NA	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder; no points between 0 - 50%		SLS-A5-N040401A
B1	DF	AA61GX	252	1.879	0.631	2.24%	2	6	0.9647	500, 357, 255, 182, 130, 93.0, 66.4, 47.4	1.4	YES			SLS-B12-N041022B
B2	DF	AA61GX	428	3.191	0.565	1.71%	1	5	0.8879	510, 364, 260, 186, 133, 94.8, 67.7, 48.4	1.4	YES		130 ul of 2X doses were applied. Final conc. values adjusted in data sheets bySD	SLS-B113-N041029B
B3	DF	AA61GX	400	2.985	0.669	2.53%	1	7	0.8426	500, 357, 255, 182, 130, 93.0, 66.4, 47.4	1.4	YES			SLS-B14-N041030A
ECBC															
AA61LZ-A1	RF	AA61LZ	230	1.717	0.621	2.94%	2	6	0.9507	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P20
AA61LZ-B1	DF	AA61LZ	312	2.328	0.636	0.73%	3	5	0.8613	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	YES		ppt in 1X C1-C3	SLS-P40
AA61LZ-B2	DF	AA61LZ	337	2.517	0.709	1.12%	2	6	0.9490	600, 408, 278, 189, 128, 87.4, 59.5, 40.5	1.47	YES		ppt in 1X C1-C2	SLS-P42
AA61LZ-B3	DF	AA61LZ	417	3.111	0.928	5.95%	1	5	0.9635	600, 408, 278, 189, 128, 87.4, 59.5, 40.5	1.47	YES		ppt in 1X C1	SLS-P44
FRAME															
FAL.NHK.RC.A1.24.09.04	RF	AA61RC	687	5.127	0.404	1.28%	2	0	0.6286	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	range finder	ppt in 1X C1-C2	FAL.NHK.SLS.24.09.03
FAL.NHK.RC.B1.29.10.04	DF	AA61RC	134	1.002	0.598	5.63%	5	3	0.8555	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	YES		ppt In 1X C1-C5	FAL.NHK.SLS.29.10.04
FAL.NHK.RC.B2.03.11.04	DF	AA61RC	422	3.147	0.465	1.00%	1	7	0.7013	500, 340, 231, 157, 107, 72.8, 49.6, 33.7	1.47	YES			FAL.NHK.SLS.03.11.04
FAL.NHK.RC.B3.10.11.04	DF	AA61RC	384	2.863	1.082	0.92%	5	1	0.9714	2000, 1361, 926, 630, 428, 291,198,135	1.47	YES		ppt In 1X C1-C5	FAL.NHK.SLS.10.11.04
FAL.NHK.RC.B4.17.11.04	DF	AA61RC	460	3.435	1.002	2.39%	2	5	0.9280	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	YES			FAL.NHK.SLS.17.11.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
SODIUM SELENATE															
IIVS															
A2	RF	AA61FS	7.44	0.039	0.646	4.12	4	1	0.9744	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A2
B1	DF	AA61FS	11.0	0.058	0.366	1.07	7	1	0.9841	556, 309, 172, 95.3, 53.0, 29.4, 16.3, 9.07	1.8	YES			SLS-B1
B2	DF	AA61FS	10.5	0.056	0.29	12.33	4	1	0.9854	556, 309, 172, 95.3, 53.0, 29.4, 16.3, 9.08	1.8	YES			SLS-B2
B3	DF	AA61FS	8.49	0.045	0.339	3.42	4	2	0.9763	100, 55.6, 30.9, 17.1, 9.5, 5.3, 2.94, 1.63	1.8	YES			SLS-B3
ECBC															
AA61LF-A1	RF	AA61LF	7.91	0.042	0.605	6.62	3	2	0.9431	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	range finder	range finder	SLS-P1
AA61LF-B1	DF	AA61LF	7.99	0.042	0.361	5.82	7	1	0.9236	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	YES			SLS-P5
AA61LF-B3	DF	AA61LF	7.95	0.042	0.890	1.82	4	3	0.9492	100, 46.5, 21.6, 10.1, 4.7, 2.2, 1.0, 0.47	2.15	YES			SLS-P9
AA61LF-B4	DF	AA61LF	4.85	0.026	0.836	5.88	4	3	0.9845	100, 46.5, 21.6, 10.1, 4.7, 2.2, 1.0, 0.47	2.15	NO	PC fails		SLS-P11
AA61LF-B5	DF	AA61LF	6.48	0.034	0.647	1.62	4	2	0.8997	100, 46.5, 21.6, 10.1, 4.7, 2.2, 1.0, 0.47	2.15	YES			SLS-P19
FRAME															
FAL.NHK.NS.A1.010803	RF	AA61NS	10.4	0.055	0.360	5.76	2	3	0.9256	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.010803
FAL.NHK.NS.A2.080803	RF	AA61NS	14.6	0.077	0.716	5.02	6	0	0.9642	250, 170, 116, 78.7, 53.6, 36.4, 24.8, 16.9	1.47	RF	range finder	high background	FAL.NHK.SLS.08.08.03
FAL.NHK.NS.B2.15.08.03 (should be B1)	DF	AA61NS	12.2	0.065	0.551	5.35	4	4	0.9509	50, 34.01, 23.14, 15.74, 10.71, 7.28, 4.96, 3.37	1.47	YES		this is the first definitive test	FAL.NHK.SLS.15.08.03
FAL.NHK.NS.B2.230803	DF	AA61NS	9.34	0.049	0.490	0.47	5	3	0.9542	50, 34.01, 23.14, 15.74, 10.71, 7.28, 4.96, 3.37	1.47	NO	PC fails		FAL.NHK.SLS.230803
FAL.NHK.NS.B3.28.08.06	DF	AA61NS	34.0	0.180	0.398	3.79	1	6	0.6981	50, 34.01, 23.14, 15.74, 10.71, 7.28, 4.96, 3.37	1.47	NO	low r2		FAL.NHK.SLS.280803
FAL.NHK.NS.B4.05.09.03	DF	AA61NS	9.14	0.048	0.207	7.21	6	2	0.9566	75, 51.02, 34.71, 23.61, 16.06, 10.93, 7.433, 5.06	1.47	YES			FAL.NHK.SLS.050903
FAL.NHK.NS.B5.01.10.03	DF	AA61NS	7.75	0.041	1.124	6.36	6	2	0.9147	75, 51.02, 34.71, 23.61, 16.06, 10.93, 7.433, 5.06	1.47	NO	PC fails		FAL.NHK.SLS.01.10.03
FAL.NHK.NS.B5.15.10.03 (should be B6?)	DF	AA61NS	27.0	0.143	0.565	1.67	2	4	0.9272	50, 34.01, 23.14, 15.74, 10.71, 7.28, 4.96, 3.37	1.47	YES			FAL.NHK.SLS.15.10.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
STRYCHNINE															
IIVS															
A1	RF	AA61JY	67.1	0.201	0.490	3.17%	1	1	0.8475	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder	ppt in 2X C1	SLS-A5-N040401A
B1	DF	AA61JY	59.0	0.176	0.606	1.54%	2	6	0.9699	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49	1.4	YES		ppt in 2X C1	SLS-B12-N041022B
B2	DF	AA61JY	52.7	0.158	0.598	3.50%	2	6	0.9122	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49	1.4	YES		ppt in 2X C1	SLS-B14-N041030A
B3	DF	AA61JY	53.5	0.160	0.616	2.26%	2	6	0.9020	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49	1.4	YES		ppt in 2X C1	SLS-B15-N041110A
ECBC															
AA61NR-A1	RF	AA61NR	183	0.548	0.882	6.19%	1	6	0.8663	500, 50.0, 5.0, 0.50, 0.05, 0.005, 0.0005, 0.00005	10	RF	range finder		SLS-P39
AA61NR-B1	DF	AA61NR	66.5	0.199	0.878	3.32%	5	3	0.8150	400, 272, 185, 126, 85.7, 58.3, 39.6, 27.0	1.47	YES		ppt in 2X C1-C8	SLS-P47
AA61NR-B2	DF	AA61NR	214	0.641	1.230	1.92%	2	6	0.9262	400, 272, 185, 126, 85.7, 58.3, 39.6, 27.0	1.47	YES		ppt in 2X C1-C3	SLS-P50
AA61NR-B3	DF	AA61NR	72.3	0.216	0.593	3.86%	5	3	0.9316	400, 272, 185, 126, 85.7, 58.3, 39.6, 27.0	1.47	YES		ppt in 2X C1-C5	SLS-P52
AA61NR-B4	DF	AA61NR	48.1	0.144	0.676	2.33%	6	2	0.9227	400, 272, 185, 126, 85.7, 58.3, 39.6, 27.0	1.47	YES		ppt in 2X C1	SLS-P54
FRAME															
FAL.NHK.FY.A1.24.09.04	RF	AA61FY	87.7	0.262	0.520	1.43%	1	0	-0.0136	100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder		FAL.NHK.SLS.24.09.03
FAL.NHK.FY.B1.01.10.04	DF	AA61FY	60.3	0.180	0.965	14.61%	1	2	0.6474	125, 58.1, 27.0, 12.6, 5.85, 2.72, 1.27, 0.59	2.15	NO	PC fails		FAL.NHK.SLS.01.10.04
FAL.NHK.FY.B2.08.10.04	DF	AA61FY	83.9	0.251	0.595	2.95%	2	3	0.9088	250, 116, 54.1, 25.2, 11.7, 5.44, 2.53, 1.18	2.15	YES			FAL.NHK.SLS.08.10.03
FAL.NHK.FY.B3.29.10.04	DF	AA61FY	29.9	0.089	0.585	9.13%	4	3	0.9623	500, 232, 108, 50.3, 23.9, 10.4, 5.06, 2.35	2.15	YES			FAL.NHK.SLS.29.10.04
FAL.NHK.FY.B4.05.11.04	DF	AA61FY	43.8	0.131	0.475	5.37%	4	3	0.9636	500, 232, 108, 50.3, 23.9, 10.4, 5.06, 2.35	2.15	YES		outlier removed by SD	FAL.NHK.SLS.05.11.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
THALLIUM I SULFATE															
IIVS															
A1	RF	AA61KJ	0.0982	0.0002	0.448	10.68%	4	0	0.9741	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder; no points between 50 - 100%		SLS-A1-N040317B
B1	DF	AA61KJ	0.137	0.0003	0.574	0.51%	4	3	0.9864	1.00, 0.556, 0.309, 0.171, 0.095, 0.053, 0.029, 0.016	1.8	YES			SLS-B1-N040423A
B2	DF	AA61KJ	0.141	0.0003	0.553	1.22%	4	2	0.9838	1.00, 0.556, 0.309, 0.171, 0.095, 0.053, 0.029, 0.016	1.8	YES			SLS-B2-N040424A
B3	DF	AA61KJ	0.104	0.0002	0.471	0.27%	4	3	0.9906	1.00, 0.556, 0.309, 0.171, 0.095, 0.053, 0.029, 0.016	1.8	YES		Mimimal to no NRU in C1-C4 although visual observatios appeared as level 2.	SLS-B3-N040506A
ECBC															
AA61PB-A1	RF	AA61PB	NA	NA	0.610	3.77%	6	1	NA	500, 50.0, 5.00, 0.5, 0.05, 0.005, 0.0005, 0.00005	10	RF	range finder	ppt in 2X C1	SLS-P38
AA61PB-B1	DF	AA61PB	NA	NA	0.975	2.18%	0	8	NA	0.005, 0.00233, 0.00108, 0.0005, 0.00023, 0.00011, 0.00005, 0.00002	2.15	NO	no points between 0 - 50%		SLS-P46
AA61PB-B2	DF	AA61PB	0.313	0.0006	1.127	6.67%	2	6	0.8224	1.00, 0.465, 0.216, 0.101, 0.047, 0.022, 0.010, 0.005	2.15	YES			SLS-P50
AA61PB-B3	DF	AA61PB	0.132	0.0003	0.635	0.47%	4	4	0.9863	2.00, 0.930, 0.433, 0.201, 0.094, 0.044, 0.020, 0.009	2.15	YES		ppt in 2X C1	SLS-P52
AA61PB-B4	DF	AA61PB	0.149	0.0003	0.727	1.40%	4	4	0.9772	2.00, 0.930, 0.433, 0.201, 0.094, 0.044, 0.020, 0.009	2.15	YES			SLS-P54
FRAME															
FAL.NHK.GB.A1.13.02.03	RF	AA61GB	0.0708	0.0001	0.203	6.82%	3	3	0.6722	500, 50, 5, 0.5, 0.05, 0.005, 0.0005, 0.00005	10	RF	range finder	rejected by SD due to bacterial contam. in some of the plates in this test series	FAL.NHK.SLS.13.02.03
FAL.NHK.GB.B1.18.03.04	DF	AA61GB	0.167	0.0003	0.449	10.16%	3	2	0.9629	1.0, 0.47, 0.22, 0.10, 0.05, 0.022, 0.010, 0.0047	2.15	YES			FAL.NHK.SLS.18.03.03
FAL.NHK.GB.B2.19.03.04	DF	AA61GB	0.175	0.0003	0.448	0.84%	3	5	0.9714	1.0, 0.47, 0.22, 0.10, 0.05, 0.022, 0.010, 0.0047	2.15	YES			FAL.NHK.SLS.19.03.03
FAL.NHK.GB.B3.25.03.04	DF	AA61GB	0.118	0.0002	0.736	5.85%	4	3	0.9244	1.0, 0.47, 0.22, 0.10, 0.05, 0.022, 0.010, 0.0047	2.15	YES			FAL.NHK.SLS.25.03.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
TRICHLOROACETIC ACID															
IIVS															
A1	RF	AA61MR	661	4.043	0.513	1.38%	2	1	0.9403	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder	ppt in 1X C1	SLS-A4-N040331N
B1	DF	AA61MR	423	2.587	0.572	0.22%	5	2	0.9761	10000, 5556, 3086, 1715, 953, 529, 294, 163	1.8	YES		ppt in 1X C1-C2	SLS-B4-N040513C
B2	DF	AA61MR	423	2.587	0.665	0.91%	4	2	0.9853	10000, 5556, 3086, 1715, 953, 529, 294, 163	1.8	YES		ppt in 1X C1-C2	SLS-B5-N040514B
B3	DF	AA61MR	335	2.050	0.672	8.28%	3	2	0.9732	10000, 5556, 3086, 1715, 953, 529, 294, 163	1.8	YES		ppt in 1X C1-C2	SLS-B6-N040716A
ECBC															
AA61KT-A1	RF	AA61KT	348	2.132	0.561	3.44%	2	4	0.9560	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P17
AA61KT-B1	DF	AA61KT	400	2.448	0.789	0.01%	4	3	0.9754	7000, 3256, 1514, 704, 328, 152, 70.9, 33.0	2.15	YES			SLS-P33
AA61KT-B2	DF	AA61KT	366	2.243	0.666	4.87%	4	4	0.9886	7000, 3256, 1514, 704, 328, 152, 70.9, 33.0	2.15	YES			SLS-P35
AA61KT-B3	DF	AA61KT	277	1.693	0.500	0.20%	4	4	0.9697	7000, 3256, 1514, 704, 328, 152, 70.9, 33.0	2.15	YES		ppt in 1X C1	SLS-P37
FRAME															
FAL.NHK.GH.A1.28.07.04	RF	AA61GH	627	3.835	0.053	4.54%	2	1	0.8134	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.28.07.04
FAL.NHK.GH.B1.11.08.04	DF	AA61GH	649	3.970	0.507	12.88%	4	4	0.8715	10000, 4651, 2163, 1006, 468, 218, 101, 47	2.15	YES			FAL.NHK.SLS.11.08.04
FAL.NHK.GH.B2.27.08.04	DF	AA61GH	370	2.263	0.439	1.88%	4	4	0.8671	10000, 4651, 2163, 1006, 468, 218, 101, 47	2.15	YES			FAL.NHK.SLS.27.08.04
FAL.NHK.GH.B3.17.09.04	DF	AA61GH	604	3.696	0.711	5.96%	4	4	0.9901	10000, 4651, 2163, 1006, 468, 218, 101, 47	2.15	YES		outlier removed by SD	FAL.NHK.SLS.17.09.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
1,1,1-TRICHLOROETHANE															
IIVS															
A1	RF	AA61KG	NA	NA	0.516	5.11%	0	1	NA	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; no points between 0 - 50%		SLS-A5-N040401A
B1	DF	AA61KG	NA	NA	0.573	1.92%	0	5	-3.2450	10000, 7143, 5102, 3644, 2603, 1859, 1328, 949	1.4	NO	no points between 0 - 50%	ppt in 1X C1	SLS-B113-N041029B
B2	DF	AA61KG	NA	NA	0.677	2.29%	0	3	0.7130	12500, 8929, 6378, 4555, 3254, 2324, 1660, 1186	1.4	NO	no points between 0 - 50%	ppt in 1X C1-C3	SLS-B14-N041030A
B3	DF	AA61KG	9400	70.439	0.598	4.99%	0	2	0.8828	12500, 8929, 6378, 4555, 3254, 2324, 1660, 1186	1.4	NO	no points between 0 - 50%	ppt in 1X C1-C3; ppt in 2X C1-C4; test article was noted to form droplets and adhere to the dilution vesel; maximum plausible dose was tested.	SLS-B15-N041110A
ECBC															
AA61JV-A1(sealer)	RF	AA61JV	5300	39.702	0.614	8.77%	1	7	0.8101	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P20
AA61JV-B1(sealer)	DF	AA61JV	7530	56.469	0.920	1.02%	1	6	0.9418	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES		ppt in 2X C1-C8	SLS-P46
AA61JV-B2 (sealer)	DF	AA61JV	8710	65.285	0.674	2.11%	1	6	0.9422	10000, 8264, 6830, 5645, 4665, 3855, 3186, 2633	1.21	YES		ppt in 2X C1; 1X C1 has large globules of chemical; outlier removed by SD	SLS-P48
AA61JV-B3 (sealer)	DF	AA61JV	8170	61.208	1.119	2.10%	1	7	0.8530	10000, 8264, 6830, 5645, 4665, 3855, 3186, 2633	1.21	YES		ppt in 2X C1-C4; 1X C1 has large globules of chemical;	SLS-P51
FRAME															
FAL.NHK.PN.A1.24.09.04	RF	AA61PN	NA	NA	0.472	8.81%	0	2	NA	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.24.09.03
FAL.NHK.PN.B1.29.10.04	DF	AA61PN	NA	NA	0.543	4.83%	0	0	0.9623	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	NO	no points between 0-100%		FAL.NHK.SLS.29.10.04
FAL.NHK.PN.B2.19.11.04	DF	AA61PN	NA	NA	0.417	4.54%	0	1	NA	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	NO	no points between 0-50%		FAL.NHK.SLS.19.11.04
FAL.NHK.PN.B3.24.11.04	DF	AA61PN	NA	NA	1.211	2.37%	0	6	NA	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	NO	no points between 0-50%	odd curve; two columns of data removed by SD (wells not seeded with cells?)	FAL.NHK.SLS.24.11.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
TRIETHYLENEMELAMINE															
IIVS															
A1	RF	AA61MT	1.64	0.008	0.690	3.71%	1	2	0.9531	10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001, 0.000001	10	RF	range finder		SLS-A2-N040320B
B1	DF	AA61MT	1.66	0.008	0.543	8.55%	3	5	0.9632	10.0, 5.56, 3.09, 1.71, 0.953, 0.529, 0.294, 0.163	1.8	YES			SLS-B1-N040423A
B2	DF	AA61MT	2.12	0.010	0.572	4.28%	3	3	0.9763	10.0, 5.56, 3.09, 1.71, 0.953, 0.529, 0.294, 0.163	1.8	YES			SLS-B2-N040424A
B3	DF	AA61MT	2.62	0.013	0.544	3.49%	2	4	0.9730	10.0, 5.56, 3.09, 1.71, 0.953, 0.529, 0.294, 0.163	1.8	YES			SLS-B3-N040506A
ECBC															
AA61GE-A1	RF	AA61GE	0.791	0.004	0.881	0.27%	0	7	0.9461	10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001, 0.000001	10	RF	range finder; no points between 0 - 50%	ppt in 2X C1	SLS-P13
AA61GE-B1	DF	AA61GE	1.33	0.007	0.642	6.27%	2	6	0.8577	5.00, 2.33, 1.08, 0.503, 0.234, 0.109, 0.051, 0.024	2.15	YES			SLS-P21
AA61GE-B2	DF	AA61GE	2.77	0.014	0.979	1.34%	1	6	0.9306	5.00, 2.33, 1.08, 0.503, 0.234, 0.109, 0.051, 0.024	2.15	YES			SLS-P23
AA61GE-B3	DF	AA61GE	0.964	0.005	0.561	1.05%	2	6	0.9283	5.00, 2.33, 1.08, 0.503, 0.234, 0.109, 0.051, 0.024	2.15	YES			SLS-P25
FRAME															
FAL.NHK.LB.A1.26.03.04	RF	AA61LB	1.13	0.006	0.805	2.56%	1	1	0.8822	10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001, 0.000001	10	RF	range finder		FAL.NHK.SLS.26.03.04
FAL.NHK.LB.B1.25.04.04	DF	AA61LB	2.37	0.012	0.846	8.90%	1	3	0.9664	10.0, 4.65, 2.16, 1.01, 0.468, 0.218, 0.101, 0.047	2.15	YES			FAL.NHK.SLS.25.04.04
FAL.NHK.LB.B2.28.04.04	DF	AA61LB	2.22	0.011	0.851	4.98%	3	4	0.8151	10.0, 6.8, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES			FAL.NHK.SLS.28.04.03
FAL.NHK.LB.B3.11.06.04	DF	AA61LB	2.18	0.011	0.975	1.63%	3	4	0.9221	10.0, 6.8, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	NO	PC failed		FAL.NHK.SLS.11.06.04
FAL.NHK.LB.B4.25.06.04	DF	AA61LB	1.49	0.007	1.155	0.33%	1	6	0.8420	10.0, 4.65, 2.16, 1.01, 0.468, 0.218, 0.101, 0.047	2.15	YES			FAL.NHK.SLS.25.06.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
TRIPHENYLTIN HYDROXIDE															
IIVS															
A1	RF	AA61JR	0.013	0.00004	0.729	1.45%	2	1	0.9887	10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001, 0.000001	10	RF	range finder		SLS-A2-N040320B
B1	DF	AA61JR	0.015	0.00004	0.602	4.32%	2	0	0.9758	1.00, 0.556, 0.309, 0.171, 0.095, 0.053, 0.029, 0.016	1.8	NO	no points between 50 - 100%		SLS-B1-N040423A
B2	DF	AA61JR	0.015	0.00004	0.630	3.36%	2	0	0.9907	1.00, 0.556, 0.309, 0.171, 0.095, 0.053, 0.029, 0.016	1.8	NO	no points between 50 - 100%		SLS-B2-N040424A
B3	DF	AA61JR	0.012	0.00003	0.485	9.45%	3	2	0.9779	0.067, 0.045, 0.030, 0.020, 0.0132, 0.0088, 0.0059, 0.0039	1.5	YES			SLS-B3-N040506A
B4	DF	AA61JR	0.012	0.00003	0.658	0.37%	4	3	0.9917	0.067, 0.045, 0.030, 0.020, 0.013, 0.0088, 0.0059, 0.0039	1.5	YES			SLS-B8-N040819A
B5	DF	AA61JR	0.014	0.00004	0.610	0.07%	3	4	0.9907	0.067, 0.045, 0.030, 0.020, 0.013, 0.0088, 0.0059, 0.0039	1.5	YES			SLS-B9-N040820A
ECBC															
AA61LL-A1	RF	AA61LL	0.015	0.00004	0.542	3.67%	0	2	0.9880	10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001, 0.000001	10	RF	range finder		SLS-P5
AA61LL-B1	DF	AA61LL	0.021	0.00006	1.065	0.78%	4	4	0.9633	0.080, 0.054, 0.037, 0.025, 0.017, 0.012, 0.008, 0.005	1.47	YES			SLS-P22
AA61LL-B2	DF	AA61LL	0.015	0.00004	0.599	0.01%	4	3	0.9832	0.080, 0.054, 0.037, 0.025, 0.017, 0.012, 0.008, 0.005	1.47	YES			SLS-P25
AA61LL-B3	DF	AA61LL	0.029	0.00008	0.987	5.68%	3	4	0.9754	0.080, 0.054, 0.037, 0.025, 0.017, 0.012, 0.008, 0.005	1.47	YES			SLS-P27
FRAME															
FAL.NHK.GG.A1.26.03.04	RF	AA61GG	0.010	0.00003	0.616	6.20%	2	0	0.8151	10.0, 1.0, 0.1, 0.01, 0.001, 0.0001, 0.00001, 0.000001	10	RF	range finder	ppt in 1X C1	FAL.NHK.SLS.26.03.04
FAL.NHK.GG.A2.25.04.04	DF	AA61GG	NA	NA	0.052	12.10%	2	6	NA	0.1, 0.0465, 0.0216, 0.0101, 0.0047, 0.0022, 0.0010, 0.0005	2.15	NO	wrong desorb solution used in NRU; SD rejects this test	ppt in 1X C1	FAL.NHK.SLS.25.04.04
FAL.NHK.GG.B1.28.04.04	DF	AA61GG	0.002	0.00001	0.877	1.40%	5	2	0.9884	0.100, 0.047, 0.022, 0.010, 0.005, 0.002, 0.001, 0.0005	2.15	YES			FAL.NHK.SLS.28.04.03
FAL.NHK.GG.B2.13.05.04	DF	AA61GG	0.003	0.00001	0.701	2.72%	2	3	0.9701	0.1, 0.0465, 0.0216, 0.0101, 0.0047, 0.0022, 0.0010, 0.0005	2.15	YES			FAL.NHK.SLS.13.05.04
FAL.NHK.GG.B3.10.06.04	DF	AA61GG	0.015	0.00004	0.894	5.53%	3	2	0.9727	0.100, 0. 68, 0.0463, 0.0315, 0.0214, 0.0146, 0.0099, 0.0067	1.47	YES			FAL.NHK.SLS.10.06.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
VALPROIC ACID															
IIVS															
A1	RF	AA61MZ	710	4.921	0.730	0.79%	1	2	0.9232	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A2-N040320B
B1	DF	AA61MZ	394	2.735	0.633	8.35%	4	4	0.9086	2500, 1563, 977, 610, 381, 238, 149, 93.1	1.6	YES			SLS-B8-N040819A
B2	DF	AA61MZ	512	3.548	0.676	4.33%	3	5	0.9566	2500, 1563, 977, 610, 381, 238, 149, 93.1	1.6	YES			SLS-B9-N040820A
B3	DF	AA61MZ	383	2.655	0.657	7.25%	3	4	0.9436	2500, 1563, 977, 610, 381, 238, 149, 93.1	1.6	YES			SLS-B10-N040903A
ECBC															
AA61JJ-A1	RF	AA61JJ	406	2.812	0.953	4.71%	1	1	0.9319	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P15
AA61JJ-B1	DF	AA61JJ	575	3.991	0.920	0.13%	2	4	0.9458	1861, 865, 403, 187, 87.1, 40.5, 18.8, 8.8	2.15	YES			SLS-P27
AA61JJ-B2	DF	AA61JJ	484	3.358	0.963	0.38%	2	4	0.9533	2000, 930, 433, 201, 93.6, 43.5, 20.2, 9.4	2.15	YES		ppt in 2X C1-C2; oily	SLS-P29
AA61JJ-B3	DF	AA61JJ	344	2.383	0.717	0.17%	2	6	0.9570	2000, 930, 433, 201, 93.6, 43.5, 20.2, 9.4	2.15	YES		ppt in 2X C1; oily	SLS-P30
FRAME															
FAL.NHK.GK.A1.25.03.04	RF	AA61GK	NA	NA	0.666	0.25%	0	0	NA	2000, 200, 20, 2, 0.2, 0.02, 0.002, 0.0002	10	RF	range finder		FAL.NHK.SLS.25.03.03
FAL.NHK.GK.B1.25.04.04	DF	AA61GK	757	5.248	0.874	6.22%	3	5	0.8798	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	YES			FAL.NHK.SLS.25.04.04
FAL.NHK.GK.B2.28.04.04	DF	AA61GK	828	5.742	0.735	2.30%	3	5	0.8571	2500, 1701, 1157, 787,535, 364, 248, 169	1.47	YES		ppt in 2X C1	FAL.NHK.SLS.28.04.03
FAL.NHK.GK.B2.13.05.04 (should be B3)	DF	AA61GK	522	3.623	0.778	1.46%	2	3	0.9880	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES			FAL.NHK.SLS.13.05.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
VERAPAMIL HCL															
IIVS															
A1	RF	AA61NH	78.3	0.160	0.566	5.81%	1	0	0.8763	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder; no points between 50 - 100%	SD chose to use bottom = 0 instead of bottom > 0;	SLS-A4-N040331N
B1	DF	AA61NH	67.5	0.137	0.656	5.17%	4	4	0.9864	200, 143, 102, 72.9, 52.1, 37.2, 26.6, 19.0	1.4	YES			SLS-B8-N040819A
B2	DF	AA61NH	71.0	0.144	0.669	0.10%	4	3	0.9788	200, 143, 102, 72.9, 52.1, 37.2, 26.6, 19.0	1.4	YES			SLS-B9-N040820A
B3	DF	AA61NH	60.1	0.122	0.577	7.59%	3	4	0.9794	200, 143, 102, 72.9, 52.1, 37.2, 26.6, 19.0	1.4	YES			SLS-B10-N040903A
ECBC															
AA61LY-A1	RF	AA61LY	64.6	0.131	0.423	5.73%	2	3	0.9492	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1	SLS-P17
AA61LY-B1	DF	AA61LY	65.3	0.133	0.821	0.23%	4	4	0.9735	800, 372, 173, 80.5, 37.4, 17.4, 8.1, 3.8	2.15	YES			SLS-P33
AA61LY-B2	DF	AA61LY	71.0	0.144	0.861	1.55%	4	4	0.9820	800, 372, 173, 80.5, 37.4, 17.4, 8.1, 3.8	2.15	YES		ppt in 2X C1	SLS-P35
AA61LY-B3	DF	AA61LY	45.2	0.092	0.455	1.81%	3	4	0.9523	800, 372, 173, 80.5, 37.4, 17.4, 8.1, 3.8	2.15	YES		ppt in 2X C1	SLS-P37
FRAME															
FAL.NHK.MC.A1.28.07.04	RF	AA61MC	81.1	0.165	0.070	23.68%	2	1	0.6033	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; % VC difference > 15		FAL.NHK.SLS.28.07.04
FAL.NHK.MC.B1.20.08.04	DF	AA61MC	73.3	0.149	0.892	3.87%	1	4	0.9216	1500, 698, 325, 151, 70.2, 32.7, 15.2, 7.06	2.15	YES		ppt in 2X C1-C3; outliers removed by SD	FAL.NHK.SLS.20.08.04
FAL.NHK.MC.B2.08.10.04	DF	AA61MC	50.0	0.102	0.728	0.31%	3	3	0.9778	1500, 698, 325, 151, 70.2, 32.7, 15.2, 7.06	2.15	YES		ppt in 2X C1	FAL.NHK.SLS.08.10.03
FAL.NHK.MC.B3.20.10 .04	DF	AA61MC	115	0.233	1.206	5.67%	1	2	0.9892	1500, 698, 325, 151, 70.2, 32.7, 15.2, 7.06	2.15	YES			FAL.NHK.SLS.20.10.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
XYLENE															
IIVS															
A1	RF	AA61MA	871	8.203	0.746	0.09%	1	0	0.8848	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A3-N040331A
B1	DF	AA61MA	374	3.524	0.700	5.04%	3	2	0.7194	2000, 1429, 1020, 729, 521, 372, 266, 190	1.4	YES		well-to-well variability in 3 lowest doses observed	SLS-B8-N040819A
B2	DF	AA61MA	700	6.592	0.660	6.57%	2	3	0.7739	2000, 1429, 1020, 729, 521, 372, 266, 190	1.4	YES		ppt in 2X C1-C3; variability in 4 highest doses observed; top 2 doses not included in the Hill analysis	SLS-B9-N040820A
B3	DF	AA61MA	385	3.631	0.629	2.40%	2	2	0.8182	2000, 1429, 1020, 729, 521, 372, 266, 190	1.4	YES		ppt in 2X C1-C4; variability in 7 highest doses observed;Top dose not included in Hill analysis (SD decision)	SLS-B10-N040903A
ECBC															
AA61GM-A1	RF	AA61GM	164	1.545	1.075	3.37%	0	5	0.9337	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; no points between 0 - 50%	ppt in 2X C1	SLS-P13
AA61GM-B1	DF	AA61GM	NA	NA	1.106	0.20%	0	8	NA	800, 544, 370, 252, 171, 117, 79.3, 53.9	1.47	NO	no points between 0 - 50%		SLS-P47
AA61GM-B2	DF	AA61GM	NA	NA	0.675	0.96%	0	5	NA	2000, 1361, 926, 630, 428, 291, 198, 135	1.47	NO	no points between 0 - 50%	ppt in 2X C1-C5	SLS-P49
AA61GM-B3	DF	AA61GM	NA	NA	0.699	4.39%	0	4	NA	4000, 3306, 2732, 2258, 1866, 1542, 1275, 1053	1.21	NO	no points between 0 - 50%	ppt in 2X C1-C8; no toxicity detected	SLS-P53
FRAME															
FAL.NHK.JG.A1.14.05.04	RF	AA61JG	NA	NA	0.725	2.43%	0	0	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; no points between 0 - 100%		FAL.NHK.SLS.14.05.03
FAL.NHK.JG.B1.08.10.04	DF	AA61JG	NA	NA	0.834	13.03%	0	7	0.3835	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	NO	no points between 0 - 50%		FAL.NHK.SLS.08.10.03
FAL.NHK.JG.B2.22.10.04	DF	AA61JG	3130	29.444	0.798	7.28%	0	6	0.6066	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	NO	no points between 0 - 50%		FAL.NHK.SLS.22.10.04 (NB)
FAL.NHK.JG.B3.28.10.04	DF	AA61JG	NA	NA	0.559	1.04%	0	0	NA	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	NO	no points between 0 - 100%		FAL.NHK.SLS.28.10.04

[1] Range finder or definitive test
[2] Mean OD value for all VC wells in test plate
[3] Difference of right and left VC column of wells in the test plate
[4] % viability ICx values between 0 and 50% viability; test acceptance criterion
[5] % viability ICx values between 50 and 100% viability; test acceptance criterion
[6] calculated value from the Prism® software
[7] Test chemical concentrations from stock applied to the cells
[8] Step-wise dilution factor
[9] Determination whether test meets or doesn't meet test acceptance criteria
Shaded boxes identify values that do not meet the specific test acceptance criteria
Abreviations:
ppt = precipitate
SD = Study Director
RF = Range Finder
DF = Definitive Test
PC = Positive Control
C1 - C8 = concentration series
NA = not available
RC = Registry of Cytotoxicity
2X = Two times the concentration that will be applied to the cells
VC = Vehicle Control
R2 = Coefficient of Determination
OD = Optical Density

Appendix I-3

3T3 NRU Positive Control (SLS) Data

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3T3 NRU SLS Data

Experiment I.D.[1]	IC50 (ug/mL) Decimal Format	IC50 (mM)	Test Chemical Application Date	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability
ECBC												
Phase Ia												
SLS-B1	45.2	0.157	13-Aug-02	0.187	17.06%	1	1	0.8361	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	NO	VC difference > 15%.
SLS-B2	40.4	0.140	27-Aug-02	0.385	3.88%	3	4	0.7841	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	NO	Inadequate curve fit.
SLS-B3	38.6	0.134	27-Aug-02	0.410	0.04%	1	5	0.8376	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	YES	
SLS-B4	33.3	0.116	28-Aug-02	0.288	15.91%	1	2	0.9378	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	NO	VC difference > 15%.
SLS-B5	26.6	0.092	28-Aug-02	0.233	4.43%	2	4	0.8086	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	NO	Inadequate curve fit.
SLS-B6 (25 ug/ml NR 1 hr)	39.5	0.137	4-Sep-02	0.255	7.59%	1	2	0.9621	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	NO	R&D: 3 replicate ODs/concentration
SLS-B7 (50 ug/ml NR 1 hr)	39.1	0.136	4-Sep-02	0.330	3.18%	1	2	0.9749	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	NO	R&D: 3 replicate ODs/concentration
SLS-B8 (25 ug/ml NR 3 hr)	36.5	0.126	4-Sep-02	0.508	3.64%	1	3	0.9639	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	NO	R&D: 3 replicate ODs/concentration
SLS-B9 (50 ug/ml NR 3 hr)	33.1	0.115	4-Sep-02	0.457	1.39%	1	4	0.9678	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	NO	R&D: 3 replicate ODs/concentration
SLS-B11	42.9	0.149	9-Sep-02	0.349	6.33%	1	2	0.9332	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	YES	
SLS-B12	35.3	0.123	10-Sep-02	0.326	5.41%	1	3	0.9211	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	YES	
SLS-B13	33.0	0.114	10-Sep-02	0.414	6.50%	1	4	0.8802	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	YES	
SLS-B14 (33 ug/ml NR)	37.6	0.130	11-Sep-02	0.347	1.97%	1	3	0.9241	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	YES	
SLS-B15 (33 ug/ml NR)	42.8	0.148	11-Sep-02	0.303	3.16%	1	1	0.8408	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	NO	Inadequate curve fit.
SLS-B16 (33 ug/ml NR)	34.8	0.121	11-Sep-02	0.345	3.43%	1	2	0.9770	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	YES	
SLS-B17 (33 ug/ml NR)	34.3	0.119	11-Sep-02	0.389	17.94%	0	4	0.8377	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	NO	VC difference > 15%. No points between 10 & 50%.
SLS-B18	39.2	0.136	17-Sep-02	0.430	7.88%	1	2	0.9472	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	YES	
SLS-B19	44.7	0.155	17-Sep-02	0.422	13.89%	1	1	0.9389	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	YES	
SLS-B20	34.8	0.121	17-Sep-02	0.445	4.12%	1	3	0.9364	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	YES	
SLS-B21	38.6	0.134	17-Sep-02	0.402	1.66%	1	3	0.8969	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	YES	
SLS-B22	43.5	0.151	18-Sep-02	0.394	2.94%	1	1	0.9271	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	YES	

3T3 NRU SLS Data

Experiment I.D.[1]	IC50 (ug/mL) Decimal Format	IC50 (mM)	Test Chemical Application Date	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability
SLS-B23	39.7	0.138	18-Sep-02	0.423	1.71%	1	2	0.9253	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	YES	
SLS-B24	45.6	0.158	18-Sep-02	0.283	10.48%	0	2	0.8502	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	NO	No points between 10 & 50%.
SLS-B25	44.6	0.155	18-Sep-02	0.311	13.03%	1	0	0.8784	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	NO	No points between 50 & 90%.
Phase Ib												
ECBC-3T3-Ib-01 SLS-P1	34.0	0.118	22-Jan-03	0.300	2.23%	1	3	0.9245	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	YES	
ECBC-3T3-Ib-01 SLS-P2	31.3	0.109	22-Jan-03	0.214	2.18%	1	4	0.8744	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	YES	
ECBC-3T3-Ib-02 SLS-P3	13.2	0.046	29-Jan-03	0.270	23.27%	2	3	0.8703	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	NO	VC difference > 15%; IC50 out of range
ECBC-3T3-Ib-03 SLS-P4	56.1	0.195	4-Feb-03	0.438	7.34%	1	2	0.8206	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	NO	IC50 out of range
ECBC-3T3-Ib-04 SLS-P5	43.0	0.149	25-Feb-03	0.750	3.31%	1	1	0.9827	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	YES	
ECBC-3T3-Ib-05 SLS-P7	40.8	0.141	26-Feb-03	0.443	6.47%	1	1	0.9702	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	YES	
ECBC-3T3-Ib-06 SLS-P9	44.9	0.156	4-Mar-03	0.450	3.57%	1	1	0.9403	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	YES	
ECBC-3T3-Ib-07 SLS-P12	37.3	0.129	11-Mar-03	0.568	10.54%	1	4	0.9314	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
ECBC-3T3-Ib-08 SLS-P13	47.2	0.164	18-Mar-03	0.517	6.58%	1	1	0.9566	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
Phase II												
SLS-P1	41.4	0.144	17-Jun-03	0.409	4.01%	3	3	0.9561	80, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P2	36.1	0.125	17-Jun-03	0.452	16.14%	3	4	0.9411	80, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	NO	% VC difference > 15
SLS-P3	44.5	0.154	24-Jun-03	0.427	8.32%	3	3	0.9434	80, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P4	39.5	0.137	24-Jun-03	0.460	0.14%	3	4	0.9202	80, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P5	44.2	0.153	1-Jul-03	0.619	2.60%	3	4	0.9365	80, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P6	37.8	0.131	1-Jul-03	0.563	3.20%	2	4	0.9361	80, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P7	42.1	0.146	8-Jul-03	0.485	5.48%	1	5	0.9162	80, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P8	41.5	0.144	8-Jul-03	0.630	4.97%	2	4	0.9461	80, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P9	40.3	0.140	15-Jul-03	0.450	6.36%	1	5	0.9250	80, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	

3T3 NRU SLS Data

Experiment I.D.[1]	IC50 (ug/mL) Decimal Format	IC50 (mM)	Test Chemical Application Date	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability
SLS-P10	35.2	0.122	15-Jul-03	0.629	4.12%	3	3	0.9751	80, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P11	38.7	0.134	22-Jul-03	0.488	3.70%	2	4	0.9769	80, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P12	39.1	0.136	22-Jul-03	0.554	1.92%	3	4	0.9760	80, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P13	41.6	0.144	29-Jul-03	0.700	0.18%	3	4	0.9440	80, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P14	40.7	0.141	29-Jul-03	0.730	3.11%	3	4	0.9663	80, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P15	43.2	0.150	5-Aug-03	0.649	0.59%	2	4	0.9591	80, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P16	44.1	0.153	6-Aug-03	0.276	3.23%	4	4	0.9790	80, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P17	37.3	0.129	31-Aug-03	0.710	5.38%	2	4	0.9482	80, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P18 sealer	32.4	0.112	31-Aug-03	0.545	4.39%	3	3	0.8897	80, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	NO	R&D
SLS-P19	41.4	0.144	1-Sep-03	0.613	2.00%	3	3	0.9625	80, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P20	38.4	0.133	9-Sep-03	0.350	0.88%	3	4	0.9350	80, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P21	43.0	0.149	23-Sep-03	0.650	3.04%	2	4	0.9637	80, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P22	41.2	0.143	29-Oct-03	0.406	1.21%	3	4	0.9289	80, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P23	41.8	0.145	4-Nov-03	0.378	8.20%	4	4	0.9577	80, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P24	44.7	0.155	5-Nov-03	0.333	3.43%	4	3	0.9518	80, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
Phase III												
SLS-P1	37.5	0.130	13-Jan-04	0.355	3.82%	3	3	0.8860	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P2	34.9	0.121	13-Jan-04	0.442	8.96%	3	3	0.9641	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P3	40.8	0.142	21-Jan-04	0.461	4.62%	2	3	0.9751	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P4	29.4	0.102	21-Jan-04	0.511	3.62%	2	3	0.9672	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	NO	IC50 out of range
SLS-P5	43.7	0.151	27-Jan-04	0.299	2.09%	3	4	0.9766	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P6	42.8	0.148	27-Jan-04	0.384	1.89%	2	3	0.9558	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P7	43.1	0.149	3-Feb-04	0.378	6.60%	4	4	0.9779	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	

3T3 NRU SLS Data

Experiment I.D.[1]	IC50 (ug/mL) Decimal Format	IC50 (mM)	Test Chemical Application Date	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability
SLS-P8	38.5	0.134	3-Feb-04	0.379	7.38%	2	4	0.9662	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P9	38.5	0.134	10-Feb-04	0.375	8.36%	3	4	0.9315	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P10	35.9	0.124	10-Feb-04	0.374	3.25%	3	4	0.9640	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P11	40.5	0.140	24-Feb-04	0.297	2.83%	3	4	0.9554	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P12	37.3	0.129	24-Feb-04	0.334	0.02%	2	3	0.9665	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P13	39.3	0.136	25-Feb-04	0.385	0.30%	3	4	0.9624	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P14	37.9	0.132	25-Feb-04	0.422	5.43%	4	4	0.9561	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P15	44.7	0.155	2-Mar-04	0.526	3.85%	2	5	0.9840	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P16	41.9	0.145	2-Mar-04	0.605	0.29%	2	4	0.9739	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P17	38.9	0.135	3-Mar-04	0.453	7.56%	3	4	0.9496	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P18	35.5	0.123	3-Mar-04	0.522	0.59%	3	3	0.9404	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P19	41.3	0.143	9-Mar-04	0.539	7.29%	3	4	0.9586	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P20	37.7	0.131	9-Mar-04	0.535	0.73%	2	4	0.9731	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P21	42.7	0.148	16-Mar-04	0.563	0.59%	2	3	0.9849	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P22	38.9	0.135	16-Mar-04	0.548	0.03%	3	4	0.9759	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P23	43.4	0.150	23-Mar-04	0.632	3.43%	3	4	0.9714	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P24	42.1	0.146	23-Mar-04	0.707	2.19%	2	4	0.9858	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P25	52.7	0.183	30-Mar-04	0.667	2.75%	2	5	0.9661	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	NO	IC50 out of range
SLS-P26	43.0	0.149	30-Mar-04	0.623	0.88%	3	3	0.9556	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P27	45.9	0.159	6-Apr-04	0.521	2.17%	2	4	0.9766	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P28	43.9	0.152	6-Apr-04	0.614	1.41%	3	4	0.9785	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P29	46.3	0.161	13-Apr-04	0.477	4.37%	3	5	0.9579	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	

3T3 NRU SLS Data

Experiment I.D.[1]	IC50 (ug/mL) Decimal Format	IC50 (mM)	Test Chemical Application Date	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability
SLS-P30	43.1	0.149	13-Apr-04	0.609	1.67%	1	5	0.9420	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P31	44.1	0.153	20-Apr-04	0.473	5.99%	1	5	0.9456	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P32	39.4	0.136	20-Apr-04	0.481	2.79%	3	4	0.9762	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P33	44.8	0.155	27-Apr-04	0.434	8.49%	2	4	0.9548	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P34	42.1	0.146	27-Apr-04	0.448	8.96%	3	4	0.9624	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P35	49.3	0.171	4-May-04	0.611	1.23%	3	4	0.9828	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P36	42.4	0.147	4-May-04	0.680	4.09%	2	4	0.9626	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P37	44.8	0.155	11-May-04	0.588	2.31%	2	5	0.9713	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P38	43.2	0.150	11-May-04	0.682	3.69%	3	4	0.9645	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P39	37.8	0.131	18-May-04	0.418	7.64%	3	4	0.9578	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P40	37.0	0.128	18-May-04	0.408	1.70%	2	4	0.9541	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P41	45.0	0.156	25-May-04	0.506	2.77%	2	5	0.9772	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P42	42.1	0.146	25-May-04	0.575	1.65%	2	4	0.9733	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P43	42.8	0.148	15-Jun-04	0.698	6.20%	3	4	0.9689	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P44	42.2	0.146	15-Jun-04	0.695	8.92%	4	4	0.9648	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P45	45.9	0.159	22-Jun-04	0.561	1.81%	3	5	0.9718	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P46	46.1	0.160	22-Jun-04	0.650	1.33%	2	5	0.9772	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P47	40.2	0.139	29-Jun-04	0.421	8.18%	4	4	0.9603	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P48	37.6	0.130	29-Jun-04	0.468	10.36%	3	4	0.9512	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P49	40.2	0.139	13-Jul-04	0.325	12.65%	4	4	0.9524	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P50	NA	NA	20-Jul-04	0.414	4.06%	1	1	NA	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	NO	IC50 out of range; IC50 > 51.6;
SLS-P51	NA	NA	20-Jul-04	0.414	16.20%	1	5	NA	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	NO	IC50 out of range; IC50 > 51.6; % VC difference > 15;

3T3 NRU SLS Data

Experiment I.D.[1]	IC50 (ug/mL) Decimal Format	IC50 (mM)	Test Chemical Application Date	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability
SLS-P52	NA	NA	27-Jul-04	0.471	14.02%	3	1	NA	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	NO	IC50 out of range; IC50 < 30.8;
SLS-P53	NA	NA	27-Jul-04	0.555	8.43%	5	1	NA	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	NO	IC50 out of range; IC50 < 30.8;
SLS-P54	44.1	0.153	10-Aug-04	0.797	1.55%	3	5	0.9653	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P55	45.1	0.156	10-Aug-04	0.658	5.46%	3	4	0.9570	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P56	NA	NA	17-Aug-04	0.372	34.25%	2	5	NA	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	NO	PC fails; % VC difference > 15
SLS-P57	40.4	0.140	17-Aug-04	0.523	6.59%	4	4	0.9579	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P58	47.1	0.163	24-Aug-04	0.477	4.19%	2	5	0.9215	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P59	40.6	0.141	24-Aug-04	0.462	7.30%	4	4	0.9589	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P60	53.7	0.186	31-Aug-04	0.754	3.56%	2	6	0.8457	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	NO	IC50 out of range
SLS-P61	60.1	0.208	31-Aug-04	0.726	3.36%	2	6	0.9203	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	NO	IC50 out of range
SLS-P62	43.4	0.150	14-Sep-04	0.635	5.64%	2	5	0.9006	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P63	41.4	0.144	14-Sep-04	0.625	6.52%	2	5	0.9614	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P64	37.4	0.130	28-Sep-04	0.473	6.10%	3	4	0.9400	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P65	38.8	0.135	28-Sep-04	0.394	4.91%	3	4	0.9681	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P66	37.0	0.128	5-Oct-04	0.520	3.86%	2	4	0.9495	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P67	33.4	0.116	5-Oct-04	0.554	4.23%	3	3	0.9603	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P68	42.7	0.148	19-Oct-04	0.472	0.62%	2	5	0.9632	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P69	43.6	0.151	19-Oct-04	0.349	0.38%	1	5	0.9659	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P70	39.7	0.138	26-Oct-04	0.468	3.33%	3	4	0.9687	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P71	44.9	0.156	27-Oct-04	0.504	3.38%	2	3	0.9416	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P72	45.8	0.159	2-Nov-04	0.517	1.76%	3	5	0.9405	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	
SLS-P73	45.7	0.158	2-Nov-04	0.517	0.08%	2	5	0.9685	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	

3T3 NRU SLS Data

Experiment I.D.[1]	IC50 (ug/mL) Decimal Format	IC50 (mM)	Test Chemical Application Date	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability
SLS-P74	46.6	0.161	16-Nov-04	0.510	0.42%	2	5	0.9461	80.0, 66.1, 54.6, 45.2, 37.3, 30.8, 25.5, 21.1	1.21	YES	

3T3 NRU SLS Data

Experiment I.D.[1]	IC50 (ug/mL) Decimal Format	IC50 (mM)	Test Chemical Application Date	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability
FAL												
Phase Ia												
B1(1a/3T3/DF1/FAL/SLS)	53.9	0.187	3-Sep-02	0.402	11.18%	0	1	0.9577	400, 200, 100, 50, 25, 12.5, 6.3, 3.1	2.00	NO	No point between 10 & 50% viability
B2(1a/3T3/DF2/FAL/SLS)	NA	NA	3-Sep-02	0.419	15.17%	1	1	0.7691	400, 200, 100, 50, 25, 12.5, 6.3, 3.1	2.00	NO	Bad values for 6.3 ug/mL wells. VC difference > 15%.
B3(1a/3T3/DF3/FAL/SLS)	50.8	0.176	3-Sep-02	0.420	3.73%	0	1	0.9583	400, 200, 100, 50, 25, 12.5, 6.3, 3.1	2.00	NO	No point between 10 & 50% viability
B4(1a/3T3/DF4/FAL/SLS)	44.4	0.154	3-Sep-02	0.490	2.60%	1	1	0.9800	400, 200, 100, 50, 25, 12.5, 6.3, 3.1	2.00	NO	
B5(1a/3T3/DF5/FAL/SLS)	51.0	0.177	3-Sep-02	0.503	8.01%	0	1	0.9812	400, 200, 100, 50, 25, 12.5, 6.3, 3.1	2.00	NO	No point between 10 & 50% viability
B6(1a/3T3/DF6/FAL/SLS)	49.8	0.173	3-Sep-02	0.441	6.29%	1	0	0.9517	400, 200, 100, 50, 25, 12.5, 6.3, 3.1	2.00	NO	No point between 50 & 90% viability.
B7(1a/3T3/DF7/FAL/SLS)	54.2	0.188	4-Sep-02	0.408	5.64%	0	1	0.8134	400, 200, 100, 50, 25, 12.5, 6.3, 3.1	2.00	NO	No point between 10 & 50% viability
B8(1a/3T3/DF8/FAL/SLS)	50.2	0.174	4-Sep-02	0.337	34.90%	0	1	0.8010	400, 200, 100, 50, 25, 12.5, 6.3, 3.1	2.00	NO	VC difference > 15%. No point between 10 & 50% viability
B9(1a/3T3/DF9/FAL/SLS)	52.1	0.181	4-Sep-02	0.484	0.79%	0	1	0.9657	400, 200, 100, 50, 25, 12.5, 6.3, 3.1	2.00	NO	No point between 10 & 50% viability
B10(1a/3T3/DF10/FAL/SLS)	52.5	0.182	4-Sep-02	0.459	7.20%	0	1	0.9389	400, 200, 100, 50, 25, 12.5, 6.3, 3.1	2.00	NO	No point between 10 & 50% viability
B11(1a/3T3/DF11/FAL/SLS)	46.4	0.161	4-Sep-02	0.509	6.94%	0	3	0.9422	400, 200, 100, 50, 25, 12.5, 6.3, 3.1	2.00	NO	No point between 10 & 50% viability
1a/3T3/DF14/FAL/SLS	23.0	0.080	18-Sep-02	0.900	3.51%	1	3	0.8277	150, 102, 69.4, 47.2, 32.1, 21.9, 14.9, 10.1	1.47	NO	Inadequate curve fit.
1a/3T3/DF15/FAL/SLS	46.7	0.162	18-Sep-02	0.547	7.61%	1	0	0.9736	150, 102, 69.4, 47.2, 32.1, 21.9, 14.9, 10.1	1.47	NO	No point between 50 & 90% viability
1a/3T3/DF16/FAL/SLS	42.4	0.147	18-Sep-02	0.590	21.70%	1	0	0.9833	150, 102, 69.4, 47.2, 32.1, 21.9, 14.9, 10.1	1.47	NO	VC difference > 15%. No point between 50 & 90% viability.
1a/3T3/DF17/FAL/SLS	46.6	0.161	18-Sep-02	0.442	4.00%	1	0	0.8646	150, 102, 69.4, 47.2, 32.1, 21.9, 14.9, 10.1	1.47	NO	No point between 50 & 90% viability
1a/3T3/DF18/FAL/SLS	22.6	0.078	18-Sep-02	0.920	4.36%	2	3	0.8319	150, 102, 69.4, 47.2, 32.1, 21.9, 14.9, 10.1	1.47	NO	Inadequate curve fit.
1a/3T3/DF19/FAL/SLS	23.1	0.080	18-Sep-02	0.936	4.30%	1	3	0.8350	150, 102, 69.4, 47.2, 32.1, 21.9, 14.9, 10.1	1.47	NO	Inadequate curve fit.
1a/3T3/DF28/FAL/SLS	48.0	0.166	22-Oct-02	0.488	9.05%	0	1	0.9570	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	NO	No point between 10 & 50% viability
1a/3T3/DF29/FAL/SLS	50.7	0.176	22-Oct-02	0.579	10.46%	0	3	0.8773	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	NO	No point between 10 & 50% viability

3T3 NRU SLS Data

Experiment I.D.[1]	IC50 (ug/mL) Decimal Format	IC50 (mM)	Test Chemical Application Date	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability
1a/3T3/DF30/FAL/SLS	42.0	0.146	23-Oct-02	0.768	6.31%	1	3	0.9433	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	YES	
1a/3T3/DF31/FAL/SLS	46.8	0.162	23-Oct-02	0.795	2.60%	0	4	0.9321	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	NO	No point between 10 & 50% viability
1a/3T3/DF32/FAL/SLS	49.0	0.170	23-Oct-02	0.784	0.24%	0	1	0.9725	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	NO	No point between 10 & 50% viability
1a3T3DF33FALSLS	48.9	0.169	30-Oct-02	0.676	2.03%	1	2	0.9532	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
1a3T3DF34FALSLS	48.0	0.166	30-Oct-02	0.636	4.77%	1	2	0.9788	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
1a3T3DF35FALSLS	48.7	0.169	30-Oct-02	0.684	2.23%	1	2	0.9811	100, 76.9, 59.2, 45.5, 35, 26.9, 20.7, 15.9	1.30	YES	
1a3T3DF36FALSLS	53.0	0.184	30-Oct-02	0.545	4.83%	1	1	0.8486	100, 76.9, 59.2, 45.5, 35, 26.9, 20.7, 15.9	1.30	NO	Inadequate curve fit.
1a3T3DF37FALSLS	50.8	0.176	31-Oct-02	0.660	1.09%	1	3	0.9261	100, 76.9, 59.2, 45.5, 35, 26.9, 20.7, 15.9	1.30	YES	
1a3T3DF38FALSLS+	51.4	0.178	31-Oct-02	0.612	9.54%	1	4	0.9057	100, 76.9, 59.2, 45.5, 35, 26.9, 20.7, 15.9	1.30	YES	
1a3T3DF39FALSLS	51.3	0.178	31-Oct-02	0.630	0.19%	1	2	0.9749	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
1a3T3DF40FALSLS	52.5	0.182	31-Oct-02	0.669	6.97%	1	1	0.9879	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
1a3T3DF41FALSLS+	47.1	0.163	5-Nov-02	0.581	3.57%	1	3	0.9757	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
1a3T3DF42FALSLS	46.8	0.162	5-Nov-02	0.564	11.34%	1	3	0.9468	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
1a3T3DF43FALSLS	36.6	0.127	6-Nov-02	0.649	6.40%	1	3	0.8929	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
1a3T3DF44FALSLS+	44.8	0.155	6-Nov-02	0.605	1.06%	2	3	0.9258	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
1a3T3DF45FALSLS	40.7	0.141	12-Nov-02	0.618	0.88%	1	3	0.9756	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
1a3T3DF46FALSLS	42.3	0.147	12-Nov-02	0.665	0.86%	1	3	0.9599	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
1a3T3DF47FALSLS	42.1	0.146	12-Nov-02	0.674	3.71%	1	2	0.9811	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
1a3T3DF48FALSLS	37.9	0.131	13-Nov-02	0.531	15.94%	2	3	0.8139	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	NO	VC difference > 15%.
1a3T3DF49FALSLS	38.7	0.134	13-Nov-02	0.561	14.96%	1	3	0.8648	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
1a3T3DF50FALSLS	40.6	0.141	13-Nov-02	0.533	11.42%	2	3	0.9179	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
1a3T3DF51FALSLS	40.3	0.140	20-Nov-02	0.689	0.29%	1	3	0.9478	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	

3T3 NRU SLS Data

Experiment I.D.[1]	IC50 (ug/mL) Decimal Format	IC50 (mM)	Test Chemical Application Date	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability
1a3T3DF52FALSLS	42.5	0.147	20-Nov-02	0.780	1.37%	1	3	0.9682	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
1a3T3DF53FALSLS	39.9	0.138	20-Nov-02	0.692	7.30%	2	3	0.9403	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
Phase Ib												
1b3T3CRT1FALSLS	34.4	0.119	4-Dec-02	0.618	16.76%	3	2	0.8479	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	NO	VC difference > 15%
1b3T3CTR2FALSLS	48.8	0.169	10-Dec-02	0.545	6.73%	1	2	0.9409	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
1b3T3CTRFALSLS	24.5	0.085	17-Dec-02	0.453	1.97%	1	0	0.8653	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	NO	IC50 out of range; no points between 50 & 90% viability
1b3T3CTRFALSLS	43.5	0.151	7-Jan-03	0.597	2.23%	1	2	0.9631	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
1b3T3CTRFALSLS	50.9	0.176	8-Jan-03	0.271	14.37%	1	1	0.9136	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	NR crystals in plate; stopped after 1 h
1b3T3CRTFALSLS	43.2	0.150	14-Jan-03	0.625	3.68%	1	3	0.9163	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
1b3T3CRT2FALSLS	32.4	0.112	14-Jan-03	0.417	5.55%	1	2	0.9377	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
1b3T3CRTFALSLS	70.1	0.243	15-Jan-03	0.432	2.31%	1	2	0.9000	82.6, 67.7, 56.0, 42.29, 38.25, 31.61, 26.13,21.59	1.21	YES	IC50 out of range
1b3T3CRTFALSLS	35.3	0.122	21-Jan-03	0.651	1.86%	1	2	0.9727	100.00, 82.64, 68.30, 56.45, 46.65, 38.55, 31.86, 26.33	1.21	YES	
1b3T3CRTFALSLS	38.1	0.132	28-Jan-03	0.181	17.95%	1	0	0.9716	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	NO	NR crystals in plate; stopped after 1 h; VC difference > 15%; no point between 50 & 90% viability
1b3T3CRTFALSLS	58.7	0.204	29-Jan-03	0.646	8.07%	0	2	0.9573	100, 68.02, 46.28, 31.48, 21.42, 14.57, 9.91, 6.74		NO	No point between 10 & 50% viability
1b3T3CRTFALSLS	44.3	0.154	4-Feb-03	0.662	0.79%	1	1	0.9848	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
1b3T3CRTFALSLS	36.8	0.128	5-Feb-03	0.566	1.65%	1	1	0.9867	100, 82.645, 68.301, 56.447, 46.651, 38.554, 31.863, 26.333	1.21	YES	
1b3T3CRTFALSLS	48.0	0.166	26-Feb-03	0.310	15.17%	1	2	0.9457	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
Phase II												
A1SLS190603	49.1	0.170	17-Jun-03	1.031	2.49%	2	5	0.7802	100, 82.6, 68.5, 56.5, 46.7, 38.6, 31.9, 26.4	1.21	NO	r2 too low

3T3 NRU SLS Data

Experiment I.D.[1]	IC50 (ug/mL) Decimal Format	IC50 (mM)	Test Chemical Application Date	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability
FAL.3T3.SLS2.A1.200603	54.6	0.189	18-Jun-03	0.684	6.26%	4	3	0.9851	100, 82.6, 68.5, 56.5, 46.7, 38.6, 31.9, 26.4	1.21	YES	
FAL.3T3.SLS.A2.26.06.03	50.8	0.176	24-Jun-03	0.483	3.45%	3	4	0.9788	100, 82.6, 68.5, 56.5, 46.7, 38.6, 31.9, 26.4	1.21	YES	
FAL.3T3.SLS.A2.27.06.03	50.7	0.176	25-Jun-03	0.564	0.19%	2	2	0.9878	100, 82.6, 68.5, 56.5, 46.7, 38.6, 31.9, 26.4	1.21	YES	
FAL.3T3.SLS.B1.03.07.03	57.5	0.199	1-Jul-03	0.516	7.13%	1	4	0.9913	100, 82.6, 68.5, 56.5, 46.7, 38.6, 31.9, 26.4	1.21	YES	IC50 out of range
FAL.3T3.SLS.04.07.03	55.8	0.193	2-Jul-03	0.562	4.86%	4	3	0.9788	100, 82.6, 68.5, 56.5, 46.7, 38.6, 31.9, 26.4	1.21	NO	IC50 out of range
FAL.3T3.SLS.10.07.03	52.5	0.182	8-Jul-03	0.640	0.86%	2	3	0.9794	100, 82.6, 68.5, 56.5, 46.7, 38.6, 31.9, 26.4	1.21	YES	
FAL.3T3.SLS.11.07.03	50.6	0.175	9-Jul-03	0.533	2.92%	2	3	0.9869	100, 82.6, 68.5, 56.5, 46.7, 38.6, 31.9, 26.4	1.21	YES	
FAL.3T3.SLS.17.07.03	50.2	0.174	15-Jul-03	0.708	0.81%	2	3	0.9905	100, 82.6, 68.5, 56.5, 46.7, 38.6, 31.9, 26.4	1.21	YES	
FAL.3T3.SLS.18.07.03	43.2	0.150	16-Jul-03	0.502	5.68%	2	3	0.9763	100, 82.6, 68.5, 56.5, 46.7, 38.6, 31.9, 26.4	1.21	YES	
FAL.3T3.SLS.25.07.03	47.6	0.165	23-Jul-03	0.435	5.81%	1	2	0.9633	100, 82.6, 68.5, 56.5, 46.7, 38.6, 31.9, 26.4	1.21	YES	
FAL.3T3.SLS.070803	30.5	0.106	5-Aug-03	0.725	0.11%	7	1	0.9204	100, 82.6, 68.5, 56.5, 46.7, 38.6, 31.9, 26.4	1.21	NO	IC50 out of range
FAL.3T3.SLS.080803	36.2	0.126	6-Aug-03	0.463	1.17%	5	3	0.7811	100, 82.6, 68.5, 56.5, 46.7, 38.6, 31.9, 26.4	1.21	NO	low r2
FAL.3T3.SLS.120903	39.4	0.137	10-Sep-03	0.768	4.53%	3	4	0.8322	100, 82.6, 68.5, 56.5, 46.7, 38.6, 31.9, 26.4	1.21	YES	
FAL.3T3.SLS.180903	45.2	0.157	16-Sep-03	0.401	0.69%	4	3	0.9582	100, 82.6, 68.5, 56.5, 46.7, 38.6, 31.9, 26.4	1.21	YES	
FAL.3T3.SLS.190903	45.0	0.156	17-Sep-03	0.377	0.62%	1	2	0.9790	100, 82.6, 68.5, 56.5, 46.7, 38.6, 31.9, 26.4	1.21	YES	
FAL.3T3.SLS.250903	35.7	0.124	23-Sep-03	0.379	4.55%	3	2	0.9738	100, 82.6, 68.5, 56.5, 46.7, 38.6, 31.9, 26.4	1.21	YES	
FAL.3T3.SLS.031003	51.2	0.178	1-Oct-03	0.596	5.23%	2	4	0.9344	100, 82.6, 68.5, 56.5, 46.7, 38.6, 31.9, 26.4	1.21	YES	
FAL.3T3.SLS.171003	37.5	0.130	15-Oct-03	0.398	9.90%	3	2	0.9763	100, 82.6, 68.5, 56.5, 46.7, 38.6, 31.9, 26.4	1.21	YES	
FAL.3T3.SLS.301003	49.8	0.173	28-Oct-03	0.310	12.63%	4	1	0.9702	100, 82.6, 68.5, 56.5, 46.7, 38.6, 31.9, 26.4	1.21	YES	
FAL.3T3.SLS.301003 (should be 311003)	39.6	0.137	29-Oct-03	0.313	8.62%	3	3	0.9886	100, 82.6, 68.5, 56.5, 46.7, 38.6, 31.9, 26.4	1.21	YES	
Phase III												
FAL.3T3.SLS.080104	55.0	0.191	6-Jan-04	0.615	0.20%	4	4	0.9771	100, 82.6, 68.5, 56.5, 46.7, 38.6, 31.9, 26.4	1.21	YES	

3T3 NRU SLS Data

Experiment I.D.[1]	IC50 (ug/mL) Decimal Format	IC50 (mM)	Test Chemical Application Date	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability
FAL.3T3.SLS.09/01/04	53.3	0.185	7-Jan-04	0.592	7.04%	4	4	0.9727	100, 82.6, 68.5, 56.5, 46.7, 38.6, 31.9, 26.4	1.21	YES	
FAL.3T3.SLS.15/01/04	67.0	0.232	13-Jan-04	0.841	1.98%	2	6	0.8901	100, 82.6, 68.5, 56.5, 46.7, 38.6, 31.9, 26.4	1.21	NO	IC50 out of range
FAL.3T3.SLS.16/01/04	30.4	0.105	14-Jan-04	1.161	0.39%	6	2	0.8932	100, 82.6, 68.5, 56.5, 46.7, 38.6, 31.9, 26.4	1.21	YES	
FAL.3T3.SLS.22/01/04	35.7	0.124	20-Jan-04	0.382	7.11%	3	2	0.9685	100, 82.6, 68.5, 56.5, 46.7, 38.6, 31.9, 26.4	1.21	YES	
FAL3T3.23-01-04	30.8	0.107	21-Jan-04	0.792	2.31%	2	2	0.9194	100, 82.6, 68.5, 56.5, 46.7, 38.6, 31.9, 26.4	1.21	YES	
FAL3T3.SLS.29-01-04	41.4	0.144	27-Jan-04	0.467	0.43%	5	3	0.9671	100, 82.6, 68.5, 56.5, 46.7, 38.6, 31.9, 26.4	1.21	YES	
FAL.3T3.SLS.29/01/04	44.3	0.153	28-Jan-04	0.453	1.44%	4	4	0.9721	100, 82.6, 68.5, 56.5, 46.7, 38.6, 31.9, 26.4	1.21	YES	
FAL.3T3.SLS.5/02/04	26.9	0.093	3-Feb-04	0.417	2.14%	4	0	0.9317	100, 82.6, 68.5, 56.5, 46.7, 38.6, 31.9, 26.4	1.21	NO	recalculated values: IC50 out of range; no points between 50-100
FAL.3T3.SLS.06/02/04	38.8	0.135	4-Feb-04	0.427	4.23%	5	3	0.9136	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
FAL3T3.SLS.25.02.04	47.9	0.166	23-Feb-04	0.637	2.29%	3	4	0.9829	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
FAL.3T3.SLS.17/03/04	49.8	0.173	15-Mar-04	0.356	5.91%	4	3	0.9831	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
FAL.3T3.SLS.01/04/04	44.0	0.152	30-Mar-04	0.404	1.46%	2	2	0.9593	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
FAL.3T3.SLS.29/04/04	42.3	0.147	27-Apr-04	0.310	2.34%	3	5	0.9881	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
FAL.3T3.SLS.30/04/04	31.3	0.108	28-Apr-04	0.249	4.22%	6	1	0.9874	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
FAL.3T3.SLS.06/05/04	40.7	0.141	4-May-04	0.320	9.70%	2	3	0.9897	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
FAL.3T3.SLS.07/05/04	40.2	0.139	5-May-04	0.313	0.03%	3	3	0.9865	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
FAL.3T3.SLS.20/05/04	45.2	0.157	18-May-04	0.422	3.24%	2	3	0.9797	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
FAL.3T3.SLS.21.05.04	32.7	0.114	19-May-04	0.337	0.94%	2	2	0.9720	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
FAL.3T3.SLS.27/05/04	44.2	0.153	25-May-04	0.406	5.89%	3	3	0.9466	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
FAL.3T3.SLS.24.06.04	40.6	0.141	22-Jun-04	0.434	3.69%	4	3	0.9826	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
FAL.3T3.SLS.08.07.04	39.7	0.138	6-Jul-04	0.324	7.16%	2	3	0.9659	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
FAL.3T3.SLS.09.07.04	40.3	0.140	7-Jul-04	0.408	2.92%	2	3	0.9765	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	

3T3 NRU SLS Data

Experiment I.D.[1]	IC50 (ug/mL) Decimal Format	IC50 (mM)	Test Chemical Application Date	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability
FAL.3T3.SLS.16.07.04	35.6	0.124	14-Jul-04	0.402	5.43%	2	2	0.9676	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
FAL.3T3.SLS.17.09.04	40.3	0.140	15-Sep-04	0.411	1.89%	3	3	0.9796	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
FAL.3T3.SLS.23.09.04	40.7	0.14126	21-Sep-04	0.333	2.60%	2	3	0.9718	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
FAL.3T3.SLS.14.10.04	42.9	0.14860	12-Oct-04	0.320	5.42%	3	2	0.9901	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	
FAL.3T3.SLS.04.11.04	39.9	0.13836	2-Nov-04	0.259	2.51%	4	3	0.9816	100, 82.6, 68.3, 56.4, 46.7, 38.6, 31.9, 26.3	1.21	YES	

3T3 NRU SLS Data

Experiment I.D.[1]	IC50 (ug/mL) Decimal Format	IC50 (mM)	Test Chemical Application Date	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability
IIVS												
Phase Ia												
B1	NA	NA	24-Aug-02	0.306	17.18%	1	0	0.5129	100, 56.2, 31.6, 17.8, 10, 5.63, 3.17, 1.78	1.78	NO	VC difference > 15%. No points between 50 & 90% viability.
B2	53.7	0.186	24-Aug-02	0.280	38.89%	1	0	0.3966	100, 56.2, 31.6, 17.8, 10, 5.63, 3.17, 1.78	1.78	NO	VC difference > 15%. No points between 50 & 90% viability.
B3	34.7	0.120	25-Aug-02	0.452	1.92%	0	1	0.9877	100, 56.2, 31.6, 17.8, 10, 5.63, 3.17, 1.78	1.78	NO	No points between 10 & 50% viability.
B4	34.2	0.119	25-Aug-02	0.428	4.07%	0	3	0.9664	100, 56.2, 31.6, 17.8, 10, 5.63, 3.17, 1.78	1.78	NO	No points between 10 & 50% viability.
B5	35.9	0.125	26-Aug-02	0.409	3.71%	0	1	0.9872	100, 56.2, 31.6, 17.8, 10, 5.63, 3.17, 1.78	1.78	NO	No points between 10 & 50% viability.
B6	39.0	0.135	26-Aug-02	0.382	0.09%	0	0	0.9649	100, 56.2, 31.6, 17.8, 10, 5.63, 3.17, 1.78	1.78	NO	No points between 10 & 90% viability.
B7	35.7	0.124	27-Aug-02	0.302	2.98%	0	2	0.9773	100, 56.2, 31.6, 17.8, 10, 5.63, 3.17, 1.78	1.78	NO	No points between 10 & 50% viability.
B8	36.1	0.125	27-Aug-02	0.299	6.86%	0	1	0.9792	100, 56.2, 31.6, 17.8, 10, 5.63, 3.17, 1.78	1.78	NO	No points between 10 & 50% viability.
B9	41.5	0.144	29-Aug-02	0.342	6.02%	1	1	0.9831	100, 68.1, 46.4, 31.6, 21.5, 14.7, 10, 6.8	1.47	YES	
B10	45.1	0.156	29-Aug-02	0.358	1.51%	1	1	0.9664	100, 68.1, 46.4, 31.6, 21.5, 14.7, 10, 6.8	1.47	YES	
B11	43.8	0.152	30-Aug-02	0.366	4.26%	1	0	0.9936	100, 68.1, 46.4, 31.6, 21.5, 14.7, 10, 6.8	1.47	NO	No points between 50 & 90% viability.
B12	44.6	0.155	30-Aug-02	0.359	0.95%	1	1	0.9864	100, 68.1, 46.4, 31.6, 21.5, 14.7, 10, 6.8	1.47	YES	
B13	44.5	0.154	4-Sep-02	0.538	0.37%	1	1	0.9799	100, 68.1, 46.4, 31.6, 21.5, 14.7, 10, 6.8	1.47	YES	
B14	43.9	0.152	4-Sep-02	0.491	6.43%	1	1	0.9869	100, 68.1, 46.4, 31.6, 21.5, 14.7, 10, 6.8	1.47	YES	
B15	37.8	0.131	5-Sep-02	0.357	9.90%	1	1	0.9906	100, 68.1, 46.4, 31.6, 21.5, 14.7, 10, 6.8	1.47	YES	
B16	40.4	0.140	5-Sep-02	0.336	10.55%	1	1	0.9832	100, 68.1, 46.4, 31.6, 21.5, 14.7, 10, 6.8	1.47	YES	
B17	39.7	0.138	6-Sep-02	0.464	2.31%	1	2	0.9780	100, 68.1, 46.4, 31.6, 21.5, 14.7, 10, 6.8	1.47	YES	
B18	38.1	0.132	6-Sep-02	0.426	11.25%	1	1	0.9910	100, 68.1, 46.4, 31.6, 21.5, 14.7, 10, 6.8	1.47	YES	
B19	36.7	0.127	7-Sep-02	0.378	4.90%	1	1	0.9928	100, 68.1, 46.4, 31.6, 21.5, 14.7, 10, 6.8	1.47	YES	

3T3 NRU SLS Data

Experiment I.D.[1]	IC50 (ug/mL) Decimal Format	IC50 (mM)	Test Chemical Application Date	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability
B20	36.5	0.127	7-Sep-02	0.354	12.49%	1	1	0.9954	100, 68.1, 46.4, 31.6, 21.5, 14.7, 10, 6.8	1.47	YES	
B21	46.7	0.162	8-Sep-02	0.453	0.44%	0	2	0.9800	100, 68.1, 46.4, 31.6, 21.5, 14.7, 10, 6.8	1.47	NO	No points between 10 & 50% viability.
B22	41.8	0.145	8-Sep-02	0.439	0.63%	1	1	0.9802	100, 68.1, 46.4, 31.6, 21.5, 14.7, 10, 6.8	1.47	YES	
Phase Ib												
A1 Preliminary	41.1	0.143	15-Jan-03	0.389	8.42%	1	1	0.9890	100, 68.1, 46.4, 31.6, 21.5, 14.7, 10.0, 6.81	1.47	YES	
B1	43.5	0.151	22-Jan-03	0.569	6.41%	1	1	0.9822	100, 68.1, 46.4, 31.6, 21.5, 14.7, 10.0, 6.81	1.47	YES	
B2	44.8	0.155	29-Jan-03	0.514	2.88%	1	1	0.9830	100, 68.1, 46.4, 31.6, 21.5, 14.7, 10.0, 6.81	1.47	YES	
B3	38.5	0.133	5-Feb-03	0.519	1.00%	1	1	0.9854	100, 68.1, 46.4, 31.6, 21.5, 14.7, 10.0, 6.81	1.47	YES	
B4	49.4	0.171	12-Feb-03	0.548	10.23%	0	2	0.9770	100, 68.1, 46.4, 31.6, 21.5, 14.7, 10.0, 6.81	1.47	NO	No points between 10 and 50%; IC50 out of range
B5	41.9	0.145	26-Feb-03	0.507	5.41%	1	1	0.9747	100, 68.1, 46.4, 31.6, 21.5, 14.7, 10.0, 6.81	1.47	YES	
Phase II												
A1	41.3	0.143	23-Jul-03	0.546	3.97%	1	3	0.9902	100, 66.7, 44.4, 29.6, 19.8, 13.2, 8.78, 5.85	1.50	YES	
B1	39.6	0.137	28-Jul-03	0.375	1.11%	1	5	0.9559	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.5	1.40	YES	
B2	38.8	0.135	29-Jul-03	0.529	5.36%	2	5	0.9711	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.5	1.40	YES	
B3	30.0	0.104	30-Jul-03	0.527	1.74%	1	4	0.9854	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.5	1.40	NO	IC50 out of range
B4	42.6	0.148	13-Aug-03	0.483	7.35%	1	5	0.9891	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.5	1.40	YES	
B5	39.1	0.136	16-Sep-03	0.510	6.44%	3	5	0.9568	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.5	1.40	YES	
B6	38.2	0.132	23-Sep-03	0.433	2.75%	1	5	0.9668	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.5	1.40	YES	
B7	38.9	0.135	24-Sep-03	0.479	2.49%	1	5	0.9710	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.5	1.40	YES	
B8	45.2	0.157	1-Oct-03	0.547	3.52%	1	5	0.9798	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.5	1.40	YES	
Phase III												
A1	42.1	0.146	3-Feb-04	0.429	3.86%	2	5	0.9691	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49,	1.40	YES	
A2	42.4	0.147	10-Feb-04	0.494	0.10%	2	4	0.9874	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49,	1.40	YES	

3T3 NRU SLS Data

Experiment I.D.[1]	IC50 (ug/mL) Decimal Format	IC50 (mM)	Test Chemical Application Date	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability
A3	41.0	0.142	17-Feb-04	0.458	1.06%	1	4	0.9858	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49	1.40	YES	
A4	37.2	0.129	9-Mar-04	0.417	7.26%	1	4	0.9893	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49	1.40	YES	
A5	33.0	0.114	23-Mar-04	0.346	1.01%	2	3	0.9758	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49	1.40	YES	
B1	45.9	0.159	26-Jul-04	0.399	0.81%	1	5	0.9709	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49,	1.40	YES	
B2	44.5	0.154	27-Jul-04	0.379	5.70%	3	4	0.9828	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49,	1.40	YES	
B3	40.1	0.139	28-Jul-04	0.344	14.50%	2	5	0.9364	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49,	1.40	YES	
B4	42.2	0.146	23-Aug-04	0.493	3.37%	1	3	0.9874	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49,	1.40	YES	
B5	47.2	0.164	24-Aug-04	0.485	7.64%	2	2	0.9864	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49	1.40	YES	
B6	46.1	0.160	28-Sep-04	0.462	1.12%	1	4	0.9824	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49	1.40	YES	
B7	40.7	0.141	1-Oct-04	0.372	10.21%	1	5	0.9808	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49	1.40	YES	
B8	41.2	0.143	4-Oct-04	0.427	0.90%	1	4	0.9826	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49	1.40	YES	
B9	43.4	0.150	12-Oct-04	0.413	4.72%	1	5	0.9758	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49	1.40	YES	
B10	43.7	0.151	13-Oct-04	0.465	2.54%	2	5	0.9833	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49,	1.40	YES	
B11	42.3	0.147	2-Nov-04	0.398	4.84%	1	3	0.9920	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49	1.40	YES	
B12	32.5	0.113	9-Nov-04	0.355	1.15%	1	3	0.9888	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49	1.40	YES	
B13	41.6	0.144	10-Nov-04	0.362	5.53%	1	4	0.9831	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49	1.40	YES	
B14	21.4	0.074	16-Nov-04	0.445	4.98%	3	3	0.9568	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49	1.40	NO	IC50 out of range
B15	43.5	0.151	8-Dec-04	0.442	2.26%	1	3	0.9932	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49	1.40	YES	
B16	37.2	0.129	14-Dec-04	0.436	5.18%	1	5	0.9757	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49	1.40	YES	
B17	43.2	0.150	15-Dec-04	0.373	3.10%	1	3	0.9869	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49	1.40	YES	
B18	41.0	0.142	19-Jan-05	0.385	1.43%	1	3	0.9739	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49,	1.40	YES	

3T3 NRU SLS Data

Experiment I.D.[1]	IC50 (ug/mL) Decimal Format	IC50 (mM)	Test Chemical Application Date	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability

[1] Positive control test I.D.
[2] Mean OD value for all VC wells in test plate
[3] Difference of right and left VC column of wells in the test plate
[4] % viability ICx values between 0 and 50% viability; test acceptance criterion; Phases Ia and Ib = number of points between 10 - 50%
[5] % viability ICx values between 50 and 100% viability; test acceptance criterion; Phases Ia and Ib = number of points between 50 - 90%
[6] calculated value from the Prism® software
[7] Test chemical concentrations from stock applied to the cells
[8] Step-wise dilution factor
[9] Determination whether test meets or doesn't meet test acceptance criteria
Shaded boxes identify values that do not meet the specific test acceptance criteria
Abreviations:
NR = Neutral Red
R&D = Research and Development
PC = Positive Control
C1 - C8 = concentration series
NA = not available
2X = Two times the concentration that will be applied to the cells
VC = Vehicle Control
R2 = Coefficient of Determination
OD = Optical Density

Phase	ECBC PC Acceptance Range (ug/mL)	FAL PC Acceptance Range (ug/mL)	IIVS PC Acceptance Range (ug/mL)
Ib (3T3)	28.8 – 47.7	25.2 – 59.5	34.5 – 47.3
II (3T3)	26.4 – 56.3	31.5 – 54.9	33.6 – 50.6
III (3T3)	30.8 – 51.6	27.2 – 64.7	31.8 – 49.3

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Appendix I-4

NHK NRU Positive Control (SLS) Data

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NHK SLS Data - All Phases - All Laboratories

Experiment I.D.[1]	IC50 (ug/mL) Decimal Format	IC50 (mM)	Test Chemical Application Date	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points between 0 - 50 %[4]	Number of Points between 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability
ECBC												
Phase Ia												
SLS-B1	5.47	0.019	12-Aug-02	0.559	13.30%	1	0	0.9772	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	NO	26% highest viability. No points between 50 & 90% viability.
SLS-B2	5.92	0.021	12-Aug-02	0.782	3.07%	1	0	0.9717	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	NO	32% highest viability. No points between 50 & 90% viability.
SLS-B3	3.40	0.012	12-Sep-02	0.285	21.73%	3	0	0.8182	50, 34, 23.2, 15.8, 10.7, 7.3, 5, 3.4	1.47	NO	VC difference > 15%. No points between 50 & 90% viability.
SLS-B4	3.91	0.014	12-Sep-02	0.369	3.41%	3	0	0.8615	50, 34, 23.2, 15.8, 10.7, 7.3, 5, 3.4	1.47	NO	No points between 50 & 90% viability.
SLS-B5	7.02	0.024	9-Sep-02	2.277	5.94%	1	4	0.9229	23.2, 15.8, 10.7, 7.3, 5, 3.4, 2.3, 1.6	1.47	YES	
SLS-B6	4.77	0.017	9-Sep-02	1.898	5.47%	2	4	0.8750	23.2, 15.8, 10.7, 7.3, 5, 3.4, 2.3, 1.6	1.47	YES	
SLS-B7)	4.90	0.017	9-Sep-02	2.301	2.51%	2	3	0.9331	23.2, 15.8, 10.7, 7.3, 5, 3.4, 2.3, 1.6	1.47	YES	
SLS-B8	5.61	0.019	9-Sep-02	2.312	4.42%	2	4	0.9273	23.2, 15.8, 10.7, 7.3, 5, 3.4, 2.3, 1.6	1.47	NO	< 8 of 12 vehicle control replicates.
SLS-B9	6.65	0.023	10-Sep-02	1.181	6.10%	1	5	0.8680	23.2, 15.8, 10.7, 7.3, 5, 3.4, 2.3, 1.6	1.47	YES	
SLS-B10	3.71	0.013	10-Sep-02	1.007	7.50%	4	2	0.9338	23.2, 15.8, 10.7, 7.3, 5, 3.4, 2.3, 1.6	1.47	YES	
SLS-B11	3.84	0.013	9-Sep-02	1.531	11.76%	3	3	0.9413	23.2, 15.8, 10.7, 7.3, 5, 3.4, 2.3, 1.6	1.47	YES	
SLS-B12 (no re-feed)	4.10	0.014	16-Sep-02	0.763	7.92%	2	3	0.9683	23.2, 15.8, 10.7, 7.3, 5, 3.4, 2.3, 1.6	1.47	YES	
SLS-B13 (re-feed)	2.78	0.010	16-Sep-02	0.404	10.90%	3	2	0.9131	23.2, 15.8, 10.7, 7.3, 5, 3.4, 2.3, 1.6	1.47	YES	
SLS-B14 (no re-feed)	2.82	0.010	16-Sep-02	0.924	0.12%	3	2	0.9583	23.2, 15.8, 10.7, 7.3, 5, 3.4, 2.3, 1.6	1.47	YES	
SLS-B15 (re-feed)[+]	3.42	0.012	16-Sep-02	0.271	2.12%	3	2	0.8829	23.2, 15.8, 10.7, 7.3, 5, 3.4, 2.3, 1.6	1.47	YES	
SLS-B16 (no re-feed)	2.71	0.009	23-Sep-02	0.313	9.38%	2	2	0.9026	23.2, 15.8, 10.7, 7.3, 5, 3.4, 2.3, 1.6	1.47	YES	
SLS-B17 (re-feed)[+]	3.13	0.011	23-Sep-02	0.078	14.92%	2	2	0.7987	23.2, 15.8, 10.7, 7.3, 5, 3.4, 2.3, 1.6	1.47	NO	Inadequate curve fit.
SLS-B18 (no re-feed)	3.19	0.011	23-Sep-02	0.258	19.12%	3	2	0.8196	23.2, 15.8, 10.7, 7.3, 5, 3.4, 2.3, 1.6	1.47	NO	VC difference > 15%.
SLS-B19 (re-feed)	3.19	0.011	23-Sep-02	0.079	4.56%	2	3	0.6930	23.2, 15.8, 10.7, 7.3, 5, 3.4, 2.3, 1.6	1.47	NO	Inadequate curve fit.

NHK SLS Data - All Phases - All Laboratories

Experiment I.D.[1]	IC50 (ug/mL) Decimal Format	IC50 (mM)	Test Chemical Application Date	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points between 0 - 50 %[4]	Number of Points between 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability
SLS-B20	3.48	0.012	9-Oct-02	0.892	1.31%	2	3	0.9455	23.2, 15.8, 10.7, 7.3, 5, 3.4, 2.3, 1.6	1.47	YES	
SLS-B21	3.17	0.011	9-Oct-02	0.863	0.47%	3	2	0.9539	23.2, 15.8, 10.7, 7.3, 5, 3.4, 2.3, 1.6	1.47	YES	
Phase Ib												
ECBC-NHK-Ib-01 SLS-P2	3.98	0.014	23-Jan-03	0.861	0.42%	1	4	0.9559	20, 13.6, 9.25, 6.28, 4.27, 2.90, 1.97, 1.34	1.47	YES	
ECBC-NHK-Ib-01 SLS-P1	4.57	0.016	23-Jan-03	0.788	2.50%	2	4	0.9326	20, 13.6, 9.24, 6.28, 4.26, 2.90, 1.97, 1.34	1.47	YES	
ECBC-NHK-Ib-02 SLS-P3	2.20	0.008	28-Jan-03	1.023	6.41%	2	2	0.9391	20, 13.6, 9.24, 6.28, 4.26, 2.90, 1.97, 1.34	1.47	YES	
ECBC-NHK-Ib-03 SLS-P4	3.16	0.011	3-Feb-03	1.135	1.67%	2	3	0.9623	20, 13.6, 9.24, 6.28, 4.26, 2.90, 1.97, 1.34	1.47	YES	
ECBC-NHK-Ib-04 SLS-P5	3.76	0.013	10-Feb-03	1.267	0.53%	2	2	0.9559	20, 13.6, 9.24, 6.28, 4.26, 2.90, 1.97, 1.34	1.47	YES	
ECBC-NHK-Ib-05 SLS-P7	3.75	0.013	24-Feb-03	1.154	1.28%	2	3	0.9757	20, 13.6, 9.24, 6.28, 4.26, 2.90, 1.97, 1.34	1.47	YES	
ECBC-NHK-Ib-05 SLS-P6	3.92	0.014	24-Feb-03	1.135	4.94%	1	4	0.9316	20, 13.6, 9.24, 6.28, 4.26, 2.90, 1.97, 1.34	1.47	YES	
ECBC-NHK-Ib-06 SLS-P8	3.05	0.011	17-Mar-03	0.964	7.32%	2	3	0.9603	20, 13.6, 9.24, 6.28, 4.26, 2.90, 1.97, 1.34	1.47	YES	
Phase II												
SLS-P1	2.78	0.010	16-Jun-03	0.610	5.82%	4	2	0.9491	20.0, 13.6, 9.3, 6.3, 4.3, 2.9, 2.0, 1.3	1.47	YES	
SLS-P2	2.76	0.010	16-Jun-03	0.671	11.64%	6	2	0.9346	20.0, 13.6, 9.3, 6.3, 4.3, 2.9, 2.0, 1.3	1.47	YES	
SLS-P3	2.38	0.008	23-Jun-03	0.583	2.99%	6	2	0.9074	20.0, 13.6, 9.3, 6.3, 4.3, 2.9, 2.0, 1.3	1.47	YES	
SLS-P4	2.46	0.009	23-Jun-03	0.607	0.81%	3	2	0.9167	20.0, 13.6, 9.3, 6.3, 4.3, 2.9, 2.0, 1.3	1.47	YES	
SLS-P5	1.96	0.007	30-Jun-03	0.380	4.50%	7	1	0.8647	20.0, 13.6, 9.3, 6.3, 4.3, 2.9, 2.0, 1.3	1.47	YES	
SLS-P7	2.38	0.008	7-Jul-03	1.023	4.31%	6	2	0.8829	20.0, 13.6, 9.3, 6.3, 4.3, 2.9, 2.0, 1.3	1.47	YES	
SLS-P8	2.34	0.008	7-Jul-03	0.967	1.28%	6	2	0.9475	20.0, 13.6, 9.3, 6.3, 4.3, 2.9, 2.0, 1.3	1.47	YES	
SLS-P9	2.76	0.010	14-Jul-03	1.054	5.19%	6	2	0.8590	20.0, 13.6, 9.3, 6.3, 4.3, 2.9, 2.0, 1.3	1.47	YES	
SLS-P10	2.53	0.009	14-Jul-03	0.950	3.83%	6	2	0.9316	20.0, 13.6, 9.3, 6.3, 4.3, 2.9, 2.0, 1.3	1.47	YES	
SLS-P11	6.64	0.023	21-Jul-03	0.823	4.52%	3	4	0.9677	20.0, 13.6, 9.3, 6.3, 4.3, 2.9, 2.0, 1.3	1.47	NO	IC50 out of range
SLS-P12	5.75	0.020	21-Jul-03	0.748	1.27%	3	5	0.9376	20.0, 13.6, 9.3, 6.3, 4.3, 2.9, 2.0, 1.3	1.47	YES	
SLS-P13	7.88	0.027	28-Jul-03	0.088	4.75%	3	1	0.7990	20.0, 13.6, 9.3, 6.3, 4.3, 2.9, 2.0, 1.3	1.47	NO	IC50 out of range

NHK SLS Data - All Phases - All Laboratories

Experiment I.D.[1]	IC50 (ug/mL) Decimal Format	IC50 (mM)	Test Chemical Application Date	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points between 0 - 50 %[4]	Number of Points between 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability
SLS-P15	3.00	0.010	25-Aug-03	0.139	7.92%	4	3	0.8397	20.0, 13.6, 9.3, 6.3, 4.3, 2.9, 2.0, 1.3	1.47	YES	
SLS-P16	3.55	0.012	31-Aug-03	0.660	0.75%	4	4	0.8686	20.0, 13.6, 9.3, 6.3, 4.3, 2.9, 2.0, 1.3	1.47	YES	
SLS-P17 sealer	3.64	0.013	31-Aug-03	0.642	4.51%	4	4	0.9055	20.0, 13.6, 9.3, 6.3, 4.3, 2.9, 2.0, 1.3	1.47	NO	R&D experiment
SLS-P18	3.50	0.012	1-Sep-03	0.471	7.27%	4	3	0.9184	20.0, 13.6, 9.3, 6.3, 4.3, 2.9, 2.0, 1.3	1.47	YES	
SLS-P19	2.68	0.009	2-Sep-03	0.761	0.66%	6	2	0.9106	20.0, 13.6, 9.3, 6.3, 4.3, 2.9, 2.0, 1.3	1.47	YES	
SLS-P20	3.14	0.011	2-Sep-03	0.761	6.29%	4	4	0.8461	20.0, 13.6, 9.3, 6.3, 4.3, 2.9, 2.0, 1.3	1.47	YES	
Phase III												
SLS-P1	2.71	0.009	14-Jan-04	0.602	1.54%	6	2	0.9562	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P2	2.41	0.008	14-Jan-04	0.593	2.01%	5	2	0.9500	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P3	2.75	0.010	4-Feb-04	0.514	2.25%	5	3	0.9521	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P4	3.48	0.012	4-Feb-04	0.545	2.19%	5	3	0.9372	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P5	2.87	0.010	9-Feb-04	0.400	20.23%	6	2	0.9787	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	NO	% VC difference >15
SLS-P6	2.95	0.010	9-Feb-04	0.582	1.37%	5	3	0.9743	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P7	4.26	0.015	22-Mar-04	1.064	1.54%	4	4	0.9309	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P8	4.65	0.016	22-Mar-04	1.026	2.48%	4	4	0.9055	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P9	5.62	0.019	29-Mar-04	1.172	6.87%	3	5	0.9149	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P10	5.19	0.018	29-Mar-04	1.211	2.79%	3	5	0.8495	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P11	3.27	0.011	5-Apr-04	0.760	3.46%	5	3	0.9345	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P12	3.07	0.011	12-Apr-04	0.781	2.78%	5	3	0.9583	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P13	2.64	0.009	12-Apr-04	0.847	1.72%	6	2	0.9227	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P14	3.09	0.011	19-Apr-04	0.911	3.10%	5	3	0.9541	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P15	2.39	0.008	19-Apr-04	0.840	2.00%	5	2	0.9495	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P16	2.57	0.009	26-Apr-04	0.594	0.48%	6	2	0.9722	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	

NHK SLS Data - All Phases - All Laboratories

Experiment I.D.[1]	IC50 (ug/mL) Decimal Format	IC50 (mM)	Test Chemical Application Date	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points between 0 - 50 %[4]	Number of Points between 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability
SLS-P17	2.59	0.009	26-Apr-04	0.507	1.33%	6	2	0.9605	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P18	2.36	0.008	3-May-04	0.667	2.30%	4	3	0.9382	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P19	3.28	0.011	3-May-04	0.786	0.06%	5	3	0.9557	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P20	2.10	0.007	10-May-04	0.684	2.79%	6	2	0.9517	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P21	2.71	0.009	10-May-04	0.591	0.47%	5	2	0.9609	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P22	3.62	0.013	24-May-04	0.967	0.75%	4	4	0.9317	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P23	3.57	0.012	24-May-04	0.944	1.32%	4	4	0.9164	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P24	1.78	0.006	14-Jun-04	0.623	4.06%	6	1	0.9431	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P25	2.37	0.008	14-Jun-04	0.523	5.18%	6	2	0.9303	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P26	3.46	0.012	21-Jun-04	0.901	0.40%	4	4	0.8960	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P27	3.41	0.012	21-Jun-04	1.021	0.50%	4	4	0.9365	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P28	2.45	0.008	28-Jun-04	0.946	1.45%	6	2	0.9476	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P29	2.34	0.008	28-Jun-04	0.918	3.97%	6	2	0.9517	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P30	2.65	0.009	6-Jul-04	0.784	0.62%	5	3	0.9483	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P31	2.85	0.010	6-Jul-04	0.673	0.82%	4	3	0.9655	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P32	2.53	0.009	12-Jul-04	0.626	2.25%	6	2	0.9348	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P33	2.28	0.008	12-Jul-04	0.756	2.45%	6	2	0.9521	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P34	2.58	0.009	19-Jul-04	0.759	0.59%	5	2	0.9536	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P35	2.71	0.009	19-Jul-04	0.781	1.21%	5	3	0.9599	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P36	2.72	0.009	26-Jul-04	0.373	0.31%	4	3	0.9411	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P37	2.50	0.009	26-Jul-04	0.427	1.21%	6	2	0.9482	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P38	3.26	0.011	2-Aug-04	0.628	12.01%	3	4	0.8904	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P39	2.59	0.009	2-Aug-04	0.839	3.43%	5	3	0.9302	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	

NHK SLS Data - All Phases - All Laboratories

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SLS-P40	2.74	0.010	9-Aug-04	0.632	3.96%	5	3	0.9279	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P41	2.90	0.010	9-Aug-04	0.663	2.35%	5	3	0.9480	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P42	2.94	0.010	16-Aug-04	0.697	0.23%	5	2	0.9599	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P43	3.04	0.011	16-Aug-04	0.751	0.50%	5	3	0.9240	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P44	2.46	0.009	23-Aug-04	0.908	2.01%	6	2	0.9487	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P45	3.38	0.012	23-Aug-04	0.926	1.47%	5	3	0.9464	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P46	4.04	0.014	30-Aug-04	0.936	2.46%	4	4	0.9318	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P47	4.58	0.016	30-Aug-04	0.943	1.02%	4	4	0.8656	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P48	2.64	0.009	7-Sep-04	0.721	6.39%	5	3	0.9543	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P49	1.99	0.007	7-Sep-04	0.641	0.69%	4	2	0.9585	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P50	2.99	0.010	13-Sep-04	1.123	3.25%	5	3	0.8908	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P51	3.72	0.013	13-Sep-04	1.042	0.19%	4	4	0.9217	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P52	2.70	0.009	27-Sep-04	0.529	1.54%	6	2	0.9508	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P53	2.76	0.010	27-Sep-04	0.604	1.75%	4	2	0.9270	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P54	3.45	0.012	4-Oct-04	0.745	0.79%	4	4	0.9265	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P55	3.12	0.011	4-Oct-04	0.639	5.10%	3	3	0.9318	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P56	3.77	0.013	18-Oct-04	0.826	1.61%	5	3	0.9471	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P57	3.02	0.010	25-Oct-04	0.612	1.55%	4	3	0.9690	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	
SLS-P58	2.83	0.010	26-Oct-04	0.155	8.34%	3	3	0.9318	20.0, 13.61, 9.26, 6.30, 4.28, 2.91, 1.98, 1.35	1.47	YES	

NHK SLS Data - All Phases - All Laboratories

Experiment I.D.[1]	IC50 (ug/mL) Decimal Format	IC50 (mM)	Test Chemical Application Date	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points between 0 - 50 %[4]	Number of Points between 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability
FAL												
Phase Ia												
B1(1a/NHK/DF4/FAL/SLS)	8.13	0.028	9-Sep-02	1.333	6.67%	1	2	0.9823	400, 200, 100, 50, 25, 12.5, 6.3, 3.1	2.00	YES	
B2(1a/NHK/DF5/FAL/SLS)	7.63	0.026	9-Sep-02	1.294	6.43%	1	2	0.9889	400, 200, 100, 50, 25, 12.5, 6.3, 3.1	2.00	YES	
B3(1a/NHK/DF6/FAL/SLS)+	8.06	0.028	9-Sep-02	1.289	6.39%	1	2	0.9839	400, 200, 100, 50, 25, 12.5, 6.3, 3.1	2.00	YES	
B4(1a/NHK/DF7/FAL/SLS)	4.62	0.016	9-Sep-02	1.169	13.44%	1	1	0.9683	400, 200, 100, 50, 25, 12.5, 6.3, 3.1	2.00	YES	
B5(1a/NHK/DF8/FAL/SLS)	5.23	0.018	9-Sep-02	1.089	9.96%	1	1	0.9645	400, 200, 100, 50, 25, 12.5, 6.3, 3.1	2.00	YES	
B6(1a/NHK/DF12/FAL/SLS)	5.19	0.018	9-Sep-02	1.184	9.32%	1	1	0.9253	400, 200, 100, 50, 25, 12.5, 6.3, 3.1	2.00	YES	
B7(1a/NHK/DF14/FAL/SLS)	6.72	0.023	11-Sep-02	0.333	0.73%	2	2	0.8307	400, 200, 100, 50, 25, 12.5, 6.3, 3.1	2.00	NO	Inadequate curve fit.
B8(1a/NHK/DF15/FAL/SLS)	7.79	0.027	11-Sep-02	1.000	11.26%	1	1	0.9666	400, 200, 100, 50, 25, 12.5, 6.3, 3.1	2.00	YES	
B9(1a/NHK/DF16/FAL/SLS)	7.63	0.026	11-Sep-02	1.076	8.62%	1	2	0.9339	400, 200, 100, 50, 25, 12.5, 6.3, 3.1	2.00	YES	
B10(1a/NHK/DF17/FAL/SLS)+	5.30	0.018	11-Sep-02	1.698	7.44%	1	1	0.9810	400, 200, 100, 50, 25, 12.5, 6.3, 3.1	2.00	YES	
1 (no re-feed)	7.70	0.027	23-Sep-02	1.534	4.79%	1	5	0.9328	20, 13.6, 9.3, 6.3, 4.3, 2.9, 2.0, 1.4	1.47	NO	405 nm OD subtracted from 540 nm OD
3 (no re-feed)	8.66	0.030	23-Sep-02	1.559	0.38%	1	5	0.9202	20, 13.6, 9.3, 6.3, 4.3, 2.9, 2.0, 1.4	1.47	NO	405 nm OD subtracted from 540 nm OD
2 (re-feed)	6.84	0.024	23-Sep-02	1.485	1.38%	1	3	0.9695	20, 13.6, 9.3, 6.3, 4.3, 2.9, 2.0, 1.4	1.47	NO	405 nm OD subtracted from 540 nm OD
4 (re-feed)	5.60	0.019	23-Sep-02	1.301	14.78%	1	4	0.8851	20, 13.6, 9.3, 6.3, 4.3, 2.9, 2.0, 1.4	1.47	NO	405 nm OD subtracted from 540 nm OD
5 (no re-feed)	8.26	0.029	25-Sep-02	1.122	9.11%	2	2	0.8930	25, 17, 11.6, 7.87, 5.35, 3.64, 2.48, 1.69	1.47	NO	405 nm OD subtracted from 540 nm OD
6 (no re-feed)	11.75	0.041	25-Sep-02	0.633	16.43%	2	4	0.6280	25, 17, 11.6, 7.87, 5.35, 3.64, 2.48, 1.69	1.47	NO	405 nm OD subtracted from 540 nm OD. VC difference > 15%.
1a/NHK/DF23/FAL/SLS	3.33	0.012	22-Oct-02	0.246	8.25%	2	0	0.9216	50, 34, 23, 15.7, 10.7, 7.3, 4.9, 3.4	1.47	NO	No point between 50 & 90% viability
1a/NHK/DF24/FAL/SLS	4.63	0.016	23-Oct-02	0.493	3.46%	2	1	0.9721	50, 34, 23, 15.7, 10.7, 7.3, 4.9, 3.4	1.47	YES	
1a/NHK/DF25/FAL/SLS	3.22	0.011	23-Oct-02	0.393	41.08%	3	0	0.8731	50, 34, 23, 15.7, 10.7, 7.3, 4.9, 3.4	1.47	NO	VC difference > 15%. No point between 50 & 90% viability.
1a/NHK/DF26/FAL/SLS	4.45	0.015	23-Oct-02	0.505	20.88%	2	1	0.9385	50, 34, 23, 15.7, 10.7, 7.3, 4.9, 3.4	1.47	NO	VC difference > 15%.

NHK SLS Data - All Phases - All Laboratories

Experiment I.D.[1]	IC50 (ug/mL) Decimal Format	IC50 (mM)	Test Chemical Application Date	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points between 0 - 50 %[4]	Number of Points between 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability
1a/NHK/DF27/FAL/SLS	4.41	0.015	23-Oct-02	0.484	7.93%	2	1	0.9076	50, 34, 23, 15.7, 10.7, 7.3, 4.9, 3.4	1.47	YES	
1a/NHK/DF28/FAL/SLS	6.66	0.023	24-Oct-02	0.693	1.54%	1	2	0.8672	50, 34, 23, 15.7, 10.7, 7.3, 4.9, 3.4	1.47	YES	
1a/NHK/DF29/FAL/SLS	5.57	0.019	24-Oct-02	0.545	9.79%	1	1	0.9244	50, 34, 23, 15.7, 10.7, 7.3, 4.9, 3.4	1.47	YES	
1a/NHK/DF30/FAL/SLS	14.43	0.050	19-Nov-02	1.094	2.67%	1	6	0.6304	30.0, 23.08, 17.75, 13.65, 10.50, 8.08, 6.22, 4.78	1.30	NO	Inadequate curve fit.
1a/NHK/DF31/FAL/SLS+	13.38	0.046	19-Nov-02	1.354	3.71%	2	6	0.6670	30.0, 23.08, 17.75, 13.65, 10.50, 8.08, 6.22, 4.78	1.30	NO	Inadequate curve fit.
1a/NHK/DF32/FAL/SLS	13.37	0.046	19-Nov-02	0.890	3.18%	2	5	0.6136	30.0, 23.08, 17.75, 13.65, 10.50, 8.08, 6.22, 4.78	1.30	NO	Inadequate curve fit.
1a/NHK/DF33/FAL/SLS+	11.89	0.041	19-Nov-02	0.766	7.34%	3	3	0.8476	30.0, 23.08, 17.75, 13.65, 10.50, 8.08, 6.22, 4.78	1.30	YES	
Phase Ib												
A1 1b/NHKCTR1/FAL/SLS	3.74	0.013	11-Dec-02	0.164	7.05%	1	1	0.9725	15, 11.54, 8.88, 6.83, 5.25, 4.04, 3.11, 2.39	1.30	YES	
A2 1b/NHKCTR2/FAL/SLS	6.46	0.022	13-Dec-02	0.743	9.94%	1	5	0.8017	15, 11.54, 8.88, 6.83, 5.25, 4.04, 3.11, 2.39	1.30	YES	
A3 1b/NHK/CTR4/FAL / recalculated w/o outlier	4.88	0.017	14-Jan-03	0.086	3.20%	2	4	0.7526	15, 11.54, 8.88, 6.83, 5.25, 4.04, 3.11, 2.39	1.30	NO	$R^2 < 0.8$
A4 1b/NHK/CTR5/FAL	3.12	0.011	15-Jan-03	0.146	3.42%	2	1	0.8444	15, 11.54, 8.88, 6.83, 5.25, 4.04, 3.11, 2.39	1.30	YES	
A5 1b/NHK/CTR6/FAL	NC	#VALUE!	17-Jan-03	0.003	286.96%	1	0	NC	15, 11.54, 8.88, 6.83, 5.25, 4.04, 3.11, 2.39	1.30	NO	VC difference > 15%; no point between 50 & 90%; no R^2 or ICx
A6 1b/NHK/CTR7/FAL	7.80	0.027	27-Jan-03	1.210	2.15%	2	2	0.9626	15, 11.54, 8.88, 6.83, 5.25, 4.04, 3.11, 2.39	1.30	YES	
A8 1b/NHK/CTR9/FAL	5.48	0.019	3-Feb-03	0.935	12.58%	1	4	0.9362	15, 11.54, 8.88, 6.83, 5.25, 4.04, 3.11, 2.39	1.30	YES	
A9 1b/NHK/CTR10/FAL	4.12	0.014	4-Feb-03	0.648	23.68%	2	4	0.7160	15, 11.54, 8.88, 6.83, 5.25, 4.04, 3.11, 2.39	1.30	NO	VC difference > 15%; $R^2 < 0.8$

NHK SLS Data - All Phases - All Laboratories

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A10 1b/NHK/CTR11/FAL	3.92	0.014	19-Mar-03	1.068	6.94%	2	3	0.8868	15, 11.54, 8.88, 6.83, 5.25, 4.04, 3.11, 2.39	1.30	YES	
A11 1b/NHK/CTR12/FAL	5.08	0.018	20-Mar-03	1.542	0.79%	3	3	0.8792	15, 11.54, 8.88, 6.83, 5.25, 4.04, 3.11, 2.39	1.30	YES	
A12 1b/NHK/CTR13/FAL/SLS	3.14	0.011	23-Mar-03	0.403	13.53%	3	1	0.8720	15, 11.54, 8.88, 6.83, 5.25, 4.04, 3.11, 2.39	1.30	YES	
1b/NHK/CTR14/FAL/SLS	3.32	0.012	24-Mar-03	0.831	3.67%	1	2	0.9652	15, 11.54, 8.88, 6.83, 5.25, 4.04, 3.11, 2.39	1.30	YES	
1b/NHK/CTR15/FAL/SLS	2.91	0.010	2-May-03	0.973	0.92%	2	2	0.9586	15, 10.2, 6.94, 4.72, 3.21, 2.19, 1.49, 1.01	1.47	YES	
1b/NHK/DF1/FAL/SLS	4.52	0.016	2-May-03	0.843	5.43%	2	2	0.9229	10, 6.8, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
Phase II												
FAL.NHK.SLS.30.07.03	3.10	0.011	7-Jul-03	1.114	4.61%	3	4	0.9350	12.0, 8.2, 5.6, 3.2, 2.6, 1.8, 1.2, 0.8	1.47	YES	
FAL.NHK.SLS.010803	1.34	0.005	30-Jul-03	0.609	2.17%	3	2	0.9358	12.0, 8.2, 5.6, 3.2, 2.6, 1.8, 1.2, 0.8	1.47	YES	
FAL.NHK.SLS.07.08.03	1.40	0.005	5-Aug-03	0.526	4.20%	4	2	0.9077	12.0, 8.2, 5.6, 3.2, 2.6, 1.8, 1.2, 0.8	1.47	YES	
FAL.NHK.SLS.08.08.03	1.74	0.006	6-Aug-03	0.810	2.34%	4	3	0.9517	12.0, 8.2, 5.6, 3.2, 2.6, 1.8, 1.2, 0.8	1.47	YES	
FAL.NHK.SLS.13.08.03	2.75	0.010	11-Aug-03	0.639	0.03%	4	4	0.3154	10, 6.8, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	NO	low r2
FAL.NHK.SLS.15.08.03	3.56	0.012	13-Aug-03	0.462	6.70%	3	5	0.8954	10, 6.8, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS.230803	3.03	0.011	21-Aug-03	0.401	0.35%	4	2	0.7230	10, 6.8, 4.6, 3.14, 2.14, 1.5, 0.9, 0.68	1.47	NO	low r2
FAL.NHK.SLS.280803	3.45	0.012	26-Aug-03	0.454	2.31%	2	3	0.9372	10, 6.8, 4.6, 3.14, 2.14, 1.5, 0.9, 0.68	1.47	YES	
FAL.NHK.SLS.050903	3.20	0.011	3-Sep-03	0.110	8.54%	2	3	0.9158	10, 6.8, 4.6, 3.14, 2.14, 1.5, 0.9, 0.68	1.47	YES	
FAL.NHK.SLS.01.10.03	4.59	0.016	29-Sep-03	1.292	1.62%	2	6	0.9168	10, 6.8, 4.6, 3.14, 2.14, 1.5, 0.9, 0.68	1.47	YES	
FAL.NHK.SLS.01.10.03	5.50	0.019	29-Sep-03	0.895	20.89%	2	5	0.9276	10, 6.8, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	NO	% VC difference >15
FAL.NHK.SLS.15.10.03	2.90	0.010	13-Oct-03	0.547	4.65%	3	5	0.8927	10, 6.8, 4.6, 3.14, 2.14, 1.5, 0.9, 0.68	1.47	YES	
FAL.NHK.SLS.19.10.03	3.85	0.013	17-Oct-03	0.340	2.89%	3	5	0.9637	10, 6.8, 4.6, 3.14, 2.14, 1.5, 0.9, 0.68	1.47	YES	
FAL.NHK.SLS.23.10.03	4.90	0.017	21-Oct-03	0.279	8.61%	3	2	0.7996	10, 6.8, 4.6, 3.14, 2.14, 1.5, 0.9, 0.68	1.47	YES	
FAL.NHK.SLS.24.10.03	2.96	0.010	22-Oct-03	0.932	1.31%	3	5	0.9119	10, 6.8, 4.6, 3.14, 2.14, 1.5, 0.9, 0.68	1.47	YES	

NHK SLS Data - All Phases - All Laboratories

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FAL.NHK.SLS.05.1 1.03	3.69	0.013	3-Nov-03	0.515	1.10%	3	5	0.8516	10, 6.8, 4.6, 3.14, 2.14, 1.5, 0.9, 0.68	1.47	YES	
FAL.NHK.SLS.07.1 1.03	3.95	0.014	5-Nov-03	0.351	4.18%	3	3	0.9316	10, 6.8, 4.6, 3.14, 2.14, 1.5, 0.9, 0.68	1.47	YES	
FAL.NHK.SLS.28.1 1.03	3.46	0.012	26-Nov-03	0.174	6.01%	3	5	0.9543	10, 6.8, 4.6, 3.14, 2.14, 1.5, 0.9, 0.68	1.47	YES	
Phase III												
FAL.NHK.SLS.11.0 2.04	5.28	0.018	9-Feb-04	1.131	1.33%	2	6	0.9062	10.0, 6.8, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	NO	bottom not set to 0
FAL.NHK.SLS.11.0 2.04	4.83	0.017	9-Feb-04	1.131	1.33%	2	6	0.8318	10.0, 6.8, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	NO	r2 < 0.85
FAL.NHK.SLS.13.0 2.03	3.63	0.013	11-Feb-04	0.106	6.36%	4	4	0.7409	10.0, 6.8, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	NO	r2 < 0.85
FAL.NHK.SLS.18.0 2.04	6.22	0.022	16-Feb-04	0.155	6.02%	2	2	0.4330	10.0, 6.8, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	NO	r2 < 0.85; IC50 out of range
FAL.NHK.SLS.20.0 2.03	2.24	0.008	18-Feb-04	0.254	1.35%	4	4	0.9233	10.0, 6.8, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS/NB. 26.02.03	3.25	0.011	24-Feb-04	0.292	4.37%	4	4	0.9347	10.0, 6.8, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS/MO. 26.02.03	4.04	0.014	24-Feb-04	0.280	4.67%	3	3	0.9265	10.0, 6.8, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS.27.0 2.03	2.78	0.010	25-Feb-04	0.472	3.50%	3	5	0.9173	10.0, 6.8, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS.18.0 3.03	4.48	0.016	16-Mar-04	0.424	2.34%	3	5	0.8934	10.0, 6.8, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS.19.0 3.03	2.76	0.010	17-Mar-04	0.555	1.67%	3	5	0.8882	10.0, 6.8, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS.25.0 3.03	2.93	0.010	23-Mar-04	0.584	8.67%	4	4	0.9493	10.0, 6.8, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS.26.0 3.04	3.96	0.014	24-Mar-04	0.593	3.86%	3	5	0.9244	10.0, 6.8, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS.28.0 4.03	3.06	0.011	26-Apr-04	0.762	0.95%	3	5	0.9561	10.0, 6.8, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS.13.0 5.04	2.79	0.010	11-May-04	0.612	0.80%	4	4	0.9782	10, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS.14.0 5.03	3.80	0.013	12-May-04	0.594	7.47%	3	3	0.9301	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS.25.06	2.62	0.009	23-Jun-04	1.347	0.43%	4	4	0.8730	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS.28.0 7.04	NA	NA	26-Jul-04	0.073	22.93%	2	5	0.7622	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	NO	% VC differnece > 15; r2 too low
FAL.NHK.SLS.11.0 8.04	3.77	0.013	9-Aug-04	0.512	4.88%	3	5	0.8470	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS.12.0 8.04	5.86	0.020	10-Aug-04	0.701	8.17%	2	1	0.9776	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	NO	IC50 out of range

NHK SLS Data - All Phases - All Laboratories

Experiment I.D.[1]	IC50 (ug/mL) Decimal Format	IC50 (mM)	Test Chemical Application Date	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points between 0 - 50 %[4]	Number of Points between 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability
FAL.NHK.SLS-RB.19.08.04	4.49	0.016	17-Aug-04	0.337	0.10%	3	1	0.7397	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	NO	r2 too low
FAL.NHK.SLS-NB.19.08.04	1.85	0.006	17-Aug-04	0.537	10.04%	3	4	0.8589	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS.20.08.04	3.70	0.013	18-Aug-04	0.738	8.90%	3	5	0.9750	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS.25.08.04	3.56	0.012	23-Aug-04	0.991	2.23%	2	6	0.8697	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS-RB.20.08.04 (should be 25.08.04)	5.20	0.018	23-Aug-04	0.645	2.80%	2	1	0.8472	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS.27.08.04	3.00	0.010	23-Aug-04	0.546	7.84%	3	5	0.8783	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS.17.09.04	3.30	0.011	15-Sep-04	0.803	1.34%	3	5	0.9408	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS.30.09.***03***	2.78	0.010	28-Sep-04	0.562	3.86%	3	4	0.9559	5000, 2326, 1082, 503, 234, 109, 50.6, 23.6	1.47	YES	
FAL.NHK.SLS.01.10.04	8.25	0.029	29-Sep-04	1.103	3.49%	1	7	0.9669	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	NO	IC50 out of range
FAL.NHK.SLS.07.10.***03***	2.23	0.008	5-Oct-04	0.602	6.09%	4	4	0.9488	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS.08.10.***03***	2.91	0.010	6-Oct-04	0.827	4.33%	3	5	0.9222	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS.20.10.04	4.95	0.017	18-Oct-04	1.231	5.58%	2	6	0.9099	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS.22.10.04 (NB)	3.62	0.013	20-Oct-04	0.675	0.86%	3	5	0.9405	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS.28.10.04	3.39	0.012	26-Oct-04	0.641	7.85%	3	5	0.9366	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS.29.10.04	2.33	0.008	27-Oct-04	0.502	1.46%	4	4	0.9531	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS.03.11.04	3.19	0.011	1-Nov-04	0.447	8.60%	3	5	0.9331	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS.05.11.04	2.16	0.007	3-Nov-04	0.538	0.62%	4	4	0.9467	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS.10.11.04	4.07	0.014	8-Nov-04	1.011	0.89%	2	6	0.9210	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS.12.11.04	3.76	0.013	10-Nov-04	0.742	3.04%	2	6	0.9085	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS.17.11.04	4.04	0.014	15-Nov-04	1.050	1.74%	2	6	0.8732	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS.19.11.04	3.91	0.014	17-Nov-04	0.509	4.62%	3	3	0.9793	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS.24.11.04	4.09	0.014	22-Nov-04	1.124	2.91%	2	6	0.8654	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	

NHK SLS Data - All Phases - All Laboratories

Experiment I.D.[1]	IC50 (ug/mL) Decimal Format	IC50 (mM)	Test Chemical Application Date	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points between 0 - 50 %[4]	Number of Points between 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability
FAL.NHK.SLS.26.11.04	3.00	0.010	24-Nov-04	0.620	1.45%	3	5	0.9524	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS(MO).10.12.04	6.02	0.021	8-Dec-04	1.017	1.35%	2	6	0.8137	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES	
FAL.NHK.SLS.10.12.04	4.18	0.014	8-Dec-04	0.928	0.25%	3	5	0.9170	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	NO	IC50 out of range; low r2

NHK SLS Data - All Phases - All Laboratories

Experiment I.D.[1]	IC50 (ug/mL) Decimal Format	IC50 (mM)	Test Chemical Application Date	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points between 0 - 50 %[4]	Number of Points between 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability
IIVS												
Phase Ia												
B1	3.70	0.013	19-Aug-02	0.785	11.83%	1	5	0.8579	10, 5.6, 3.2, 1.8, 1.0, 0.6, 0.3, 0.2	1.79	YES	
B2	2.93	0.010	19-Aug-02	0.778	5.60%	1	6	0.8406	10, 5.6, 3.2, 1.8, 1.0, 0.6, 0.3, 0.2	1.79	YES	
B3	59.28	0.206	24-Aug-02	1.883	3.30%	1	6	0.0862	10, 6.8, 4.6, 3.2, 2.2, 1.5, 1.0, 0.7	1.47	NO	Major precipitation problems
B4	10.06	0.035	24-Aug-02	1.680	8.59%	0	2	0.6253	10, 6.8, 4.6, 3.2, 2.2, 1.5, 1.0, 0.7	1.47	NO	Major precipitation problems. No points between 10 & 50%.
B5	3.72	0.013	25-Aug-02	1.129	7.89%	1	5	0.9213	10, 6.8, 4.6, 3.2, 2.2, 1.5, 1.0, 0.7	1.47	YES	
B6	3.88	0.013	25-Aug-02	1.130	5.10%	1	5	0.8956	10, 6.8, 4.6, 3.2, 2.2, 1.5, 1.0, 0.7	1.47	YES	
B7	3.57	0.012	26-Aug-02	1.083	7.51%	1	6	0.8251	10, 6.8, 4.6, 3.2, 2.2, 1.5, 1.0, 0.7	1.47	YES	
B8	3.30	0.011	26-Aug-02	0.867	11.48%	3	5	0.8592	10, 6.8, 4.6, 3.2, 2.2, 1.5, 1.0, 0.7	1.47	YES	
B9	3.85	0.013	27-Aug-02	0.985	10.80%	2	5	0.8840	10, 6.8, 4.6, 3.2, 2.2, 1.5, 1.0, 0.7	1.47	YES	
B10	3.72	0.013	27-Aug-02	1.026	2.70%	1	6	0.8212	10, 6.8, 4.6, 3.2, 2.2, 1.5, 1.0, 0.7	1.47	YES	
B11	4.92	0.017	4-Sep-02	1.240	0.59%	1	5	0.8987	10, 6.8, 4.6, 3.2, 2.2, 1.5, 1.0, 0.7	1.47	YES	
B12	4.13	0.014	4-Sep-02	1.218	4.81%	1	6	0.8888	10, 6.8, 4.6, 3.2, 2.2, 1.5, 1.0, 0.7	1.47	YES	
B13	4.02	0.014	5-Sep-02	1.082	0.78%	1	6	0.8669	10, 6.8, 4.6, 3.2, 2.2, 1.5, 1.0, 0.7	1.47	YES	
B14	4.18	0.014	5-Sep-02	1.111	3.22%	1	6	0.8742	10, 6.8, 4.6, 3.2, 2.2, 1.5, 1.0, 0.7	1.47	YES	
B15	4.36	0.015	6-Sep-02	0.693	12.53%	1	6	0.8170	10, 6.8, 4.6, 3.2, 2.2, 1.5, 1.0, 0.7	1.47	YES	
B16	5.07	0.018	6-Sep-02	0.747	12.82%	2	6	0.7516	10, 6.8, 4.6, 3.2, 2.2, 1.5, 1.0, 0.7	1.47	NO	Inadequate curve fit.
B17	3.70	0.013	7-Sep-02	0.550	3.51%	1	5	0.8953	10, 6.8, 4.6, 3.2, 2.2, 1.5, 1.0, 0.7	1.47	YES	
B18	3.50	0.012	7-Sep-02	0.558	9.32%	1	6	0.8518	10, 6.8, 4.6, 3.2, 2.2, 1.5, 1.0, 0.7	1.47	YES	
B19	3.45	0.012	8-Sep-02	0.658	10.32%	1	6	0.8785	10, 6.8, 4.6, 3.2, 2.2, 1.5, 1.0, 0.7	1.47	YES	
B20	3.03	0.011	8-Sep-02	0.682	5.43%	2	5	0.9061	10, 6.8, 4.6, 3.2, 2.2, 1.5, 1.0, 0.7	1.47	YES	
B23 (no re-feed)	3.54	0.012	21-Sep-02	1.084	4.29%	2	4	0.9573	10, 6.8, 4.6, 3.2, 2.2, 1.5, 1.0, 0.7	1.47	YES	

NHK SLS Data - All Phases - All Laboratories

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B23 (re-feed)	3.46	0.012	21-Sep-02	0.824	4.80%	2	3	0.9531	10, 6.8, 4.6, 3.2, 2.2, 1.5, 1.0, 0.7	1.47	YES	
B24 (no re-feed)	3.89	0.013	21-Sep-02	1.120	0.13%	1	5	0.9361	10, 6.8, 4.6, 3.2, 2.2, 1.5, 1.0, 0.7	1.47	YES	
B24 (re-feed)	3.72	0.013	21-Sep-02	0.784	2.36%	2	4	0.9265	10, 6.8, 4.6, 3.2, 2.2, 1.5, 1.0, 0.7	1.47	YES	
B25 (no re-feed)	3.92	0.014	22-Sep-02	1.078	1.34%	1	5	0.9426	10, 6.8, 4.6, 3.2, 2.2, 1.5, 1.0, 0.7	1.47	YES	
B25 (re-feed)	4.19	0.015	22-Sep-02	0.938	2.24%	2	5	0.9540	10, 6.8, 4.6, 3.2, 2.2, 1.5, 1.0, 0.7	1.47	YES	
B26 (no re-feed)	3.44	0.012	22-Sep-02	1.037	7.19%	2	3	0.9495	10, 6.8, 4.6, 3.2, 2.2, 1.5, 1.0, 0.7	1.47	YES	
B26 (re-feed)	3.64	0.013	22-Sep-02	0.775	4.29%	2	4	0.9491	10, 6.8, 4.6, 3.2, 2.2, 1.5, 1.0, 0.7	1.47	YES	
B27 (no re-feed)	2.87	0.010	23-Sep-02	1.050	1.79%	2	5	0.8907	10, 6.8, 4.6, 3.2, 2.2, 1.5, 1.0, 0.7	1.47	YES	
B27 (re-feed)	2.68	0.009	23-Sep-02	0.841	2.77%	2	5	0.9212	10, 6.8, 4.6, 3.2, 2.2, 1.5, 1.0, 0.7	1.47	YES	
B28 (no re-feed)	3.30	0.011	23-Sep-02	1.029	0.04%	2	5	0.9088	10, 6.8, 4.6, 3.2, 2.2, 1.5, 1.0, 0.7	1.47	YES	
B28 (re-feed)	2.78	0.010	23-Sep-02	0.819	3.87%	3	4	0.9476	10, 6.8, 4.6, 3.2, 2.2, 1.5, 1.0, 0.7	1.47	YES	
Phase Ib												
Preliminary	2.78	0.010	4-Jan-03	0.631	3.03%	3	3	0.9588	10, 6.8, 4.6, 3.2, 2.2, 1.47, 1.0, 0.68	1.47	YES	
B1	2.98	0.010	17-Jan-03	0.518	0.50%	2	5	0.9403	10, 6.8, 4.6, 3.2, 2.2, 1.47, 1.0, 0.68	1.47	YES	
B2	3.31	0.011	18-Jan-03	0.726	9.52%	2	3	0.9621	10, 6.8, 4.6, 3.2, 2.2, 1.47, 1.0, 0.68	1.47	YES	
B3	3.00	0.010	31-Jan-03	0.845	3.64%	2	4	0.9420	10, 6.8, 4.6, 3.2, 2.2, 1.47, 1.0, 0.68	1.47	YES	
B4	3.64	0.013	1-Feb-03	0.781	1.49%	2	4	0.9550	10, 6.8, 4.6, 3.2, 2.2, 1.47, 1.0, 0.68	1.47	YES	
Phase II												
A2	3.11	0.011	9-Aug-03	0.682	5.04%	3	4	0.9538	10, 6.7, 4.4, 3.0, 2.0, 1.3, 0.88, 0.59	1.50	YES	
B1	3.24	0.011	16-Aug-03	0.351	7.73%	3	3	0.9661	10, 6.7, 4.4, 3.0, 2.0, 1.3, 0.88, 0.59	1.50	YES	
B2	4.42	0.015	17-Aug-03	0.26	3.34%	2	4	0.9394	10, 6.7, 4.4, 3.0, 2.0, 1.3, 0.88, 0.59	1.50	YES	
B3	4.10	0.014	18-Aug-03	0.284	4.05%	3	2	0.9569	10, 6.7, 4.4, 3.0, 2.0, 1.3, 0.88, 0.59	1.50	YES	
B4	4.52	0.016	25-Aug-03	0.201	2.12%	2	4	0.9434	10, 6.7, 4.4, 3.0, 2.0, 1.3, 0.88, 0.59	1.50	YES	
B7	3.98	0.014	29-Aug-03	0.605	7.45%	2	4	0.945	10, 6.7, 4.4, 3.0, 2.0, 1.3, 0.88, 0.59	1.50	YES	

NHK SLS Data - All Phases - All Laboratories

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B8	6.56	0.023	13-Sep-03	0.512	9.47%	1	4	0.8297	10, 6.7, 4.4, 3.0, 2.0, 1.3, 0.88, 0.59	1.50	NO	IC50 out of range
B9	5.85	0.020	14-Sep-03	0.551	4.08%	2	3	0.9042	10, 6.7, 4.4, 3.0, 2.0, 1.3, 0.88, 0.59	1.50	NO	IC50 out of range
B10	5.25	0.018	15-Sep-03	0.475	1.75%	2	3	0.8811	10, 6.7, 4.4, 3.0, 2.0, 1.3, 0.88, 0.59	1.50	NO	IC50 out of range
B11	6.15	0.021	16-Sep-03	0.38	1.21%	1	3	0.7715	10, 6.7, 4.4, 3.0, 2.0, 1.3, 0.88, 0.59	1.50	NO	IC50 out of range; low r2
B12	4.27	0.015	29-Sep-03	0.642	4.75%	2	5	0.924	10, 6.7, 4.4, 3.0, 2.0, 1.3, 0.88, 0.59	1.50	YES	
B13	4.27	0.015	29-Sep-03	0.242	1.41%	2	4	0.928	10, 6.7, 4.4, 3.0, 2.0, 1.3, 0.88, 0.59	1.50	YES	
B14	3.98	0.014	30-Sep-03	0.317	1.85%	2	5	0.9696	10, 6.7, 4.4, 3.0, 2.0, 1.3, 0.88, 0.59	1.50	YES	
B15	6.36	0.022	1-Oct-03	0.294	0.97%	2	2	0.8797	10, 6.7, 4.4, 3.0, 2.0, 1.3, 0.88, 0.59	1.50	NO	IC50 out of range
Phase III												
A1	2.88	0.010	15-Mar-04	0.474	1.95%	3	5	0.9576	10.0, 6.67, 4.44, 2.96, 1.98, 1.32, 0.88, 0.59	1.50	YES	
A2	3.42	0.012	18-Mar-04	0.581	5.05%	2	6	0.9176	10.0, 6.67, 4.44, 2.96, 1.98, 1.32, 0.88, 0.59	1.50	YES	
A3	3.90	0.014	29-Mar-04	0.610	0.07%	3	5	0.8815	10.0, 6.67, 4.44, 2.96, 1.98, 1.32, 0.88, 0.59	1.50	YES	
A4	2.67	0.009	29-Mar-04	0.509	3.50%	3	5	0.9629	10.0, 6.67, 4.44, 2.96, 1.98, 1.32, 0.88, 0.59	1.50	YES	
A5	2.65	0.009	30-Mar-04	0.533	5.08%	3	5	0.9534	10.0, 6.67, 4.44, 2.96, 1.98, 1.32, 0.88, 0.59	1.50	YES	
B1	2.84	0.010	21-Apr-04	0.621	3.08%	4	4	0.9377	10.0, 6.67, 4.44, 2.96, 1.98, 1.32, 0.88, 0.59	1.50	YES	
B2	3.38	0.012	22-Apr-04	0.526	2.69%	3	5	0.9568	10.0, 6.67, 4.44, 2.96, 1.98, 1.32, 0.88, 0.59	1.50	YES	
B3	2.79	0.010	4-May-04	0.531	6.18%	3	5	0.9469	10.0, 6.67, 4.44, 2.96, 1.98, 1.32, 0.88, 0.59	1.50	YES	
B4	4.20	0.015	11-May-04	0.528	11.31%	2	6	0.8904	10.0, 6.67, 4.44, 2.96, 1.98, 1.32, 0.88, 0.59	1.50	YES	
B5	3.51	0.012	12-May-04	0.537	7.15%	2	6	0.9149	10.0, 6.67, 4.44, 2.96, 1.98, 1.32, 0.88, 0.59	1.50	YES	
B6	2.72	0.009	14-Jul-04	0.629	6.79%	3	5	0.9380	10.0, 6.67, 4.44, 2.96, 1.98, 1.32, 0.88, 0.59	1.50	YES	
B7	2.58	0.009	15-Jul-04	0.611	0.67%	3	5	0.9646	10.0, 6.67, 4.44, 2.96, 1.98, 1.32, 0.88, 0.59	1.50	YES	

NHK SLS Data - All Phases - All Laboratories

Experiment I.D.[1]	IC50 (ug/mL) Decimal Format	IC50 (mM)	Test Chemical Application Date	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points between 0 - 50 %[4]	Number of Points between 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability
B8	2.95	0.010	17-Aug-04	0.587	10.35%	3	4	0.9304	10.0, 6.67, 4.44, 2.96, 1.98, 1.32, 0.88, 0.59	1.50	YES	
B9	3.08	0.011	18-Aug-04	0.554	1.95%	3	4	0.9609	10.0, 6.67, 4.44, 2.96, 1.98, 1.32, 0.88, 0.59	1.50	YES	
B10	4.14	0.014	1-Sep-04	0.597	6.80%	2	6	0.9448	10.0, 6.67, 4.44, 2.96, 1.98, 1.32, 0.88, 0.59	1.50	YES	
B11	3.55	0.012	2-Sep-04	0.669	1.77%	2	6	0.9438	10.0, 6.67, 4.44, 2.96, 1.98, 1.32, 0.88, 0.59	1.50	YES	
B12	2.93	0.010	20-Oct-04	0.599	3.40%	3	5	0.9561	10.0, 6.67, 4.44, 2.96, 1.98, 1.32, 0.88, 0.59	1.50	YES	
B13	2.50	0.009	27-Oct-04	0.629	3.01%	3	5	0.9645	10.0, 6.67, 4.44, 2.96, 1.98, 1.32, 0.88, 0.59	1.50	YES	
B14	3.10	0.011	28-Oct-04	0.702	3.78%	3	5	0.9615	10.0, 6.67, 4.44, 2.96, 1.98, 1.32, 0.88, 0.59	1.50	YES	
B15	2.51	0.009	8-Nov-04	0.623	2.50%	4	4	0.9151	10.0, 6.67, 4.44, 2.96, 1.98, 1.32, 0.88, 0.59	1.50	YES	

[1] Positive control test I.D.
[2] Mean OD value for all VC wells in test plate
[3] Difference of right and left VC column of wells in the test plate
[4] % viability ICx values between 0 and 50% viability; test acceptance criterion; Phases Ia and Ib = number of points between 10 - 50%
[5] % viability ICx values between 50 and 100% viability; test acceptance criterion; Phases Ia and Ib = number of points between 50 - 90%
[6] calculated value from the Prism® software
[7] Test chemical concentrations from stock applied to the cells
[8] Step-wise dilution factor
[9] Determination whether test meets or doesn't meet test acceptance criteria
Shaded boxes identify values that do not meet the specific test acceptance criteria
Abreviations:
NR = Neutral Red
R&D = Research and Development
PC = Positive Control
C1 - C8 = concentration series
NA = not available
2X = Two times the concentration that will be applied to the cells
VC = Vehicle Control
R2 = Coefficient of Determination
OD = Optical Density

Phase	ECBC PC Acceptance Range (ug/mL)	FAL PC Acceptance Range (ug/mL)	IIVS PC Acceptance Range (ug/mL)
Ib (NHK)	1.40 – 6.67	1.34 – 13.6	2.57 – 4.79
II (NHK)	1.22 – 6.10	0 – 11.1	2.10 – 5.04
III (NHK)	0.07 – 7.11	0.57 – 5.82	1.94 – 5.61

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