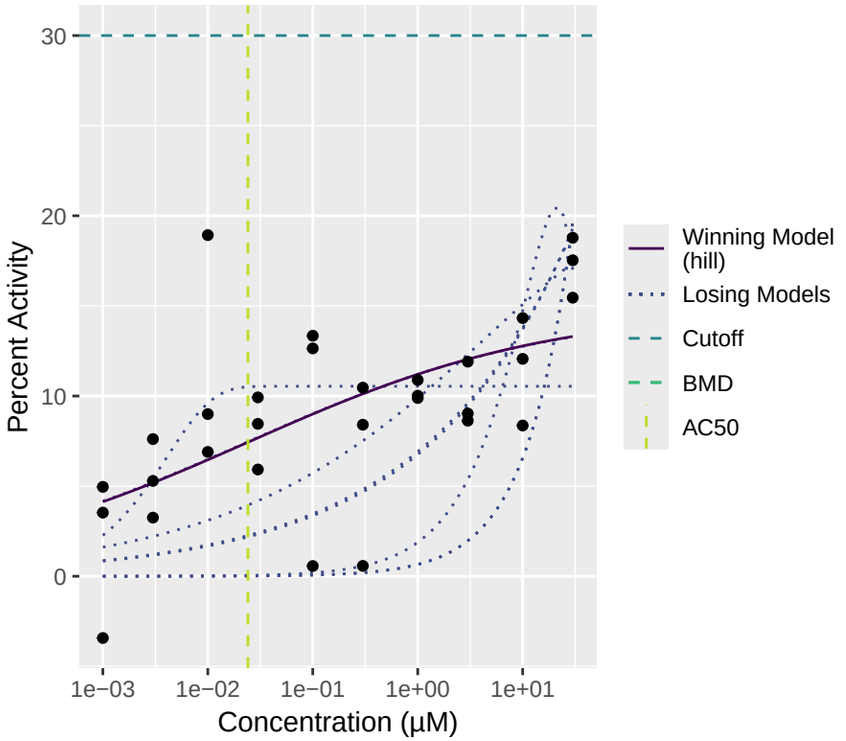
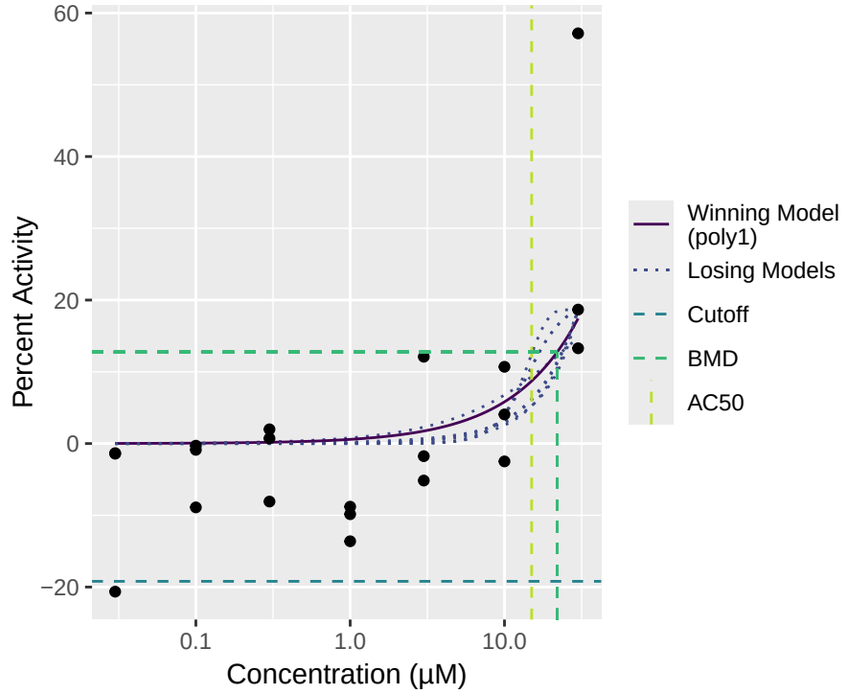
DTXSID8037706 Potassium perfluorooctanesulfonate
SPID:1210314397 AEID:2793 AENM:CCTE_Mundy_HCI_hNP1_Casp3_7
M4ID:12975544



Hitcall	BMD	AC50
0.000	NA	0.024
model	**aic**	**rme**
hill	176.290	4.223
exp4	177.562	4.312
gnls	180.289	4.223
exp5	186.946	4.865
pow	194.022	5.560
exp3	196.655	5.609
poly2	213.972	7.420
poly1	217.898	8.023
exp2	219.906	8.024
cnst	232.865	10.472

Flags(0): None

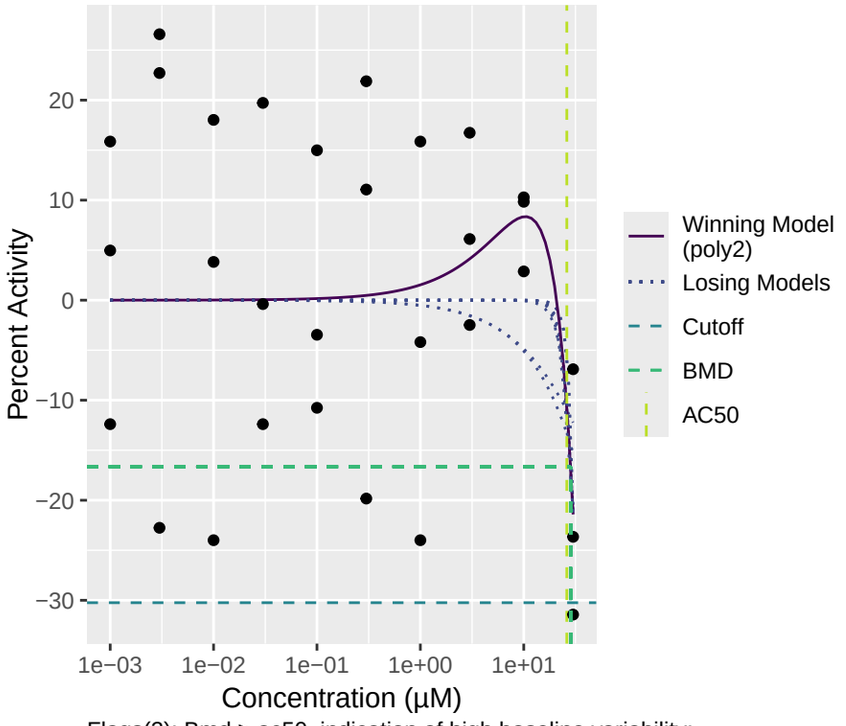
DTXSID8037706 Potassium perfluorooctanesulfonate
SPID:1475856 AEID:2530 AENM:CCTE_Shafer_MEA_dev_AB
M4ID:12951542



Hitcall	BMD	AC50
−1.9e−01	21.950	15.000
model	**aic**	**rme**
poly1	160.876	11.635
pow	162.096	11.357
poly2	162.188	11.352
exp2	162.279	11.383
exp4	163.904	12.127
hill	163.984	11.369
exp5	163.984	11.369
exp3	164.110	11.364
gnls	167.984	11.369
cnst	168.480	15.501

Flags(3): Bmd > ac50, indication of high baseline variability;
Borderline;
No median responses above baseline (3*bmad)

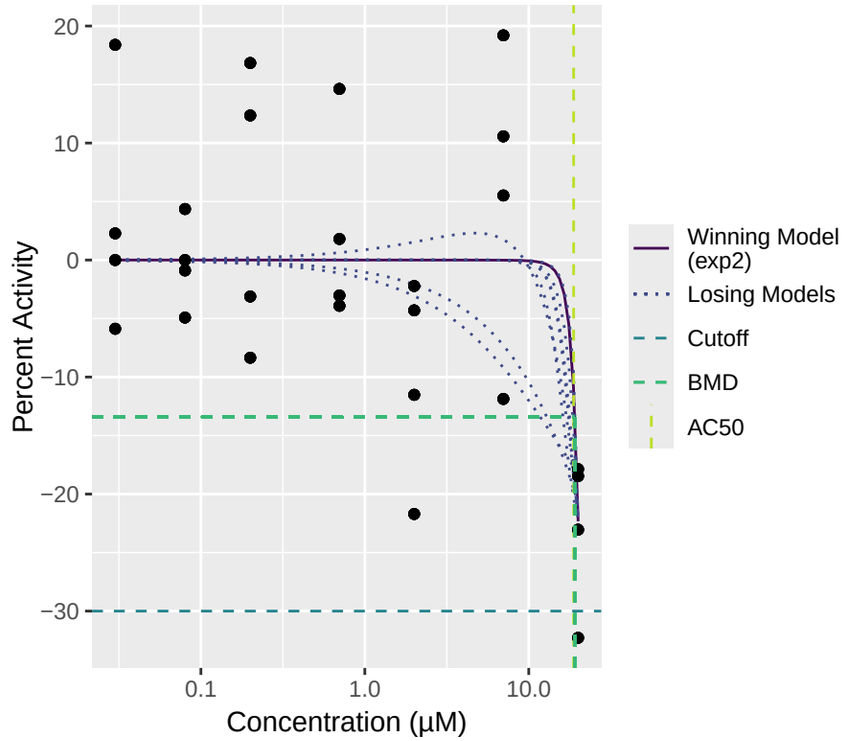
DTXSID8037706 Potassium perfluorooctanesulfonate
SPID:1210314397 AEID:3070 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_Neur...
M4ID:12981555



Hitcall	BMD	AC50
0.044	28.360	26.082
model	**aic**	**rme**
poly2	255.965	14.618
exp2	257.669	14.911
pow	257.686	14.914
poly1	258.180	15.416
cnst	258.843	16.278
exp3	259.664	14.911
exp5	259.665	14.911
hill	259.666	14.911
exp4	260.663	15.534
gnls	263.666	14.911

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

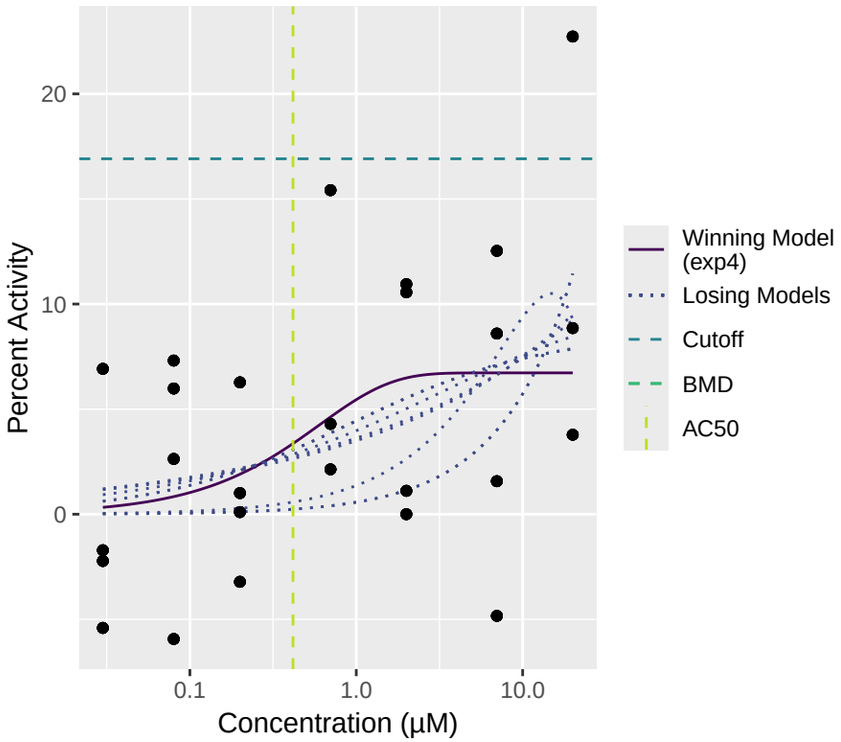
DTXSID9020663 Glycerol
SPID:EPAPLT0157A09 AEID:2775 AENM:IUF_NPC1_viability_72hr
M4ID:8502299



Hitcall	BMD	AC50
7.2e−06	19.115	18.793
model	**aic**	**rme**
hill	1.0e+03	9.623
gnls	1.0e+03	9.625
poly2	1.0e+03	9.716
pow	1.0e+03	9.623
exp2	1.0e+03	9.623
exp3	1.0e+03	9.623
exp5	1.0e+03	9.623
cnst	1.1e+03	12.945
poly1	1.1e+03	10.336
exp4	1.1e+03	10.735

Flags(1): Bmd > ac50, indication of high baseline variability

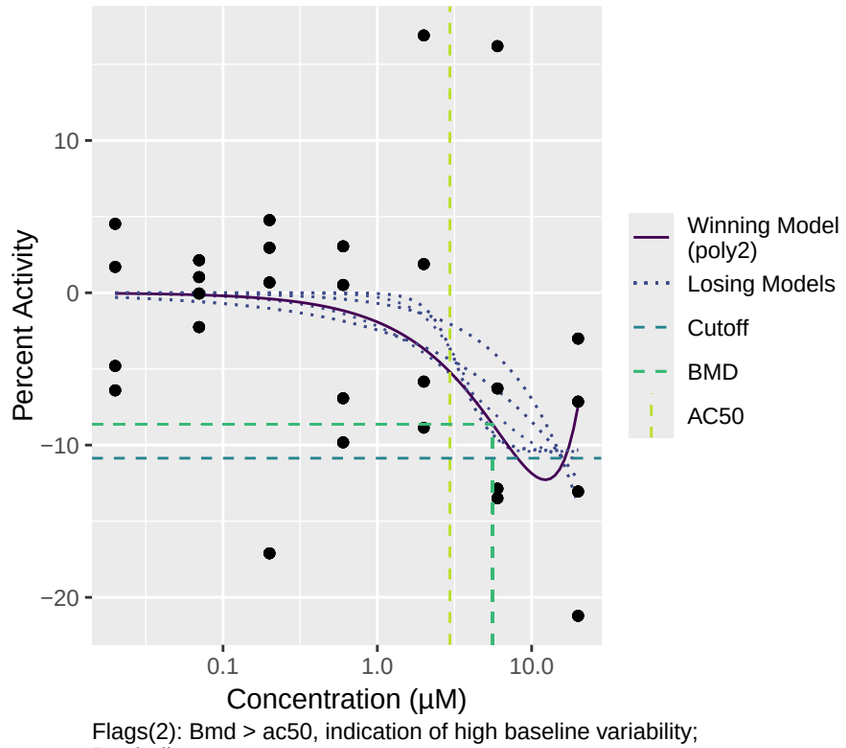
DTXSID9020663 Glycerol
SPID:EPAPLT0157A09 AEID:2938 AENM:IUF_NPC2a_radial_glia_migration...
M4ID:8502777



Hitcall	BMD	AC50
0.000	NA	0.417
model	**aic**	**rme**
exp4	849.147	6.050
pow	849.413	5.958
hill	850.536	6.003
exp5	850.958	5.990
exp3	851.706	5.953
gnls	854.537	6.002
poly2	861.438	6.317
poly1	866.687	6.388
exp2	868.695	6.388
cnst	906.086	7.910

Flags(0): None

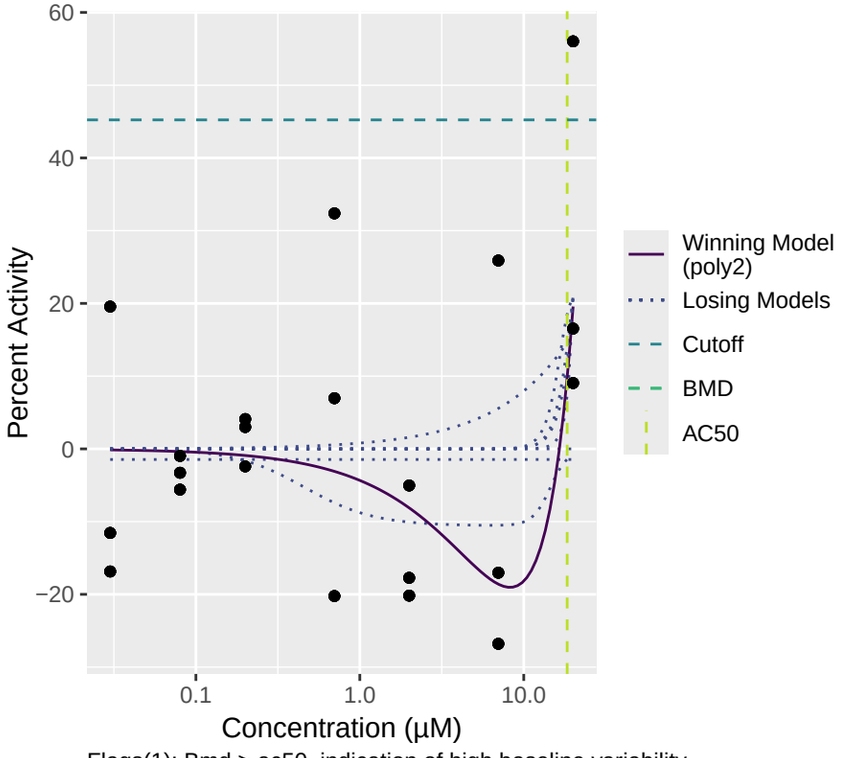
DTXSID7032559 lambda−Cyhalothrin
SPID:EPAPLT0157C01 AEID:2940 AENM:IUF_NPC2a_radial_glia_migration...
M4ID:8503027



Hitcall	BMD	AC50
0.001	5.590	2.952
model	**aic**	**rme**
poly2	910.323	7.877
exp4	911.381	7.835
exp5	912.117	7.849
hill	912.219	7.836
pow	914.114	7.706
exp3	916.139	7.705
gnls	916.217	7.837
poly1	917.906	7.644
exp2	919.913	7.644
cnst	963.785	8.917

Flags(2): Bmd > ac50, indication of high baseline variability;
Borderline

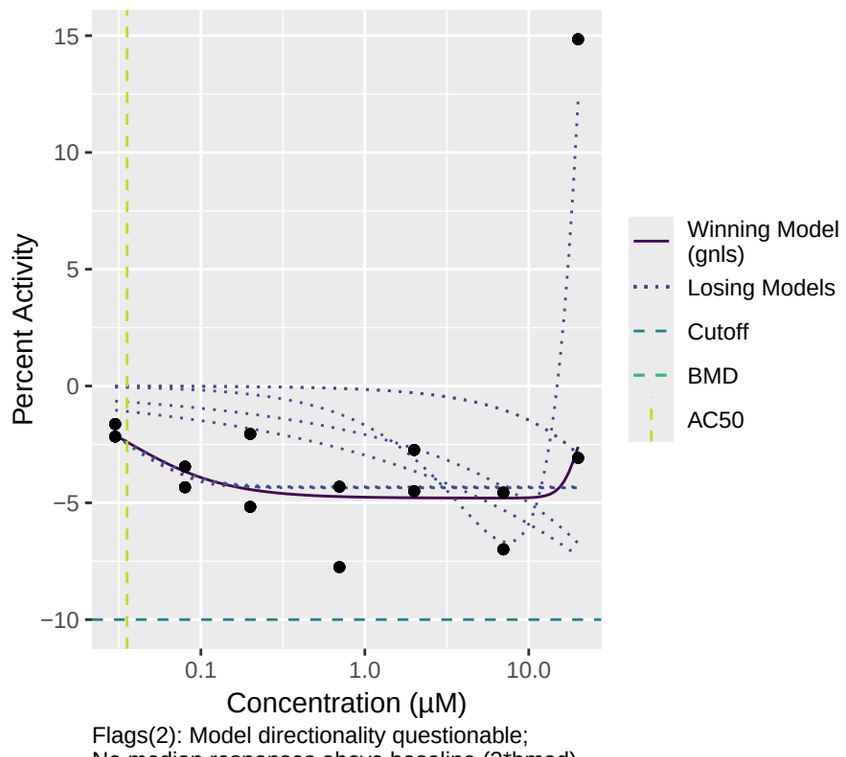
DTXSID6040373 Metaflumizone
SPID:EPAPLT0157B12 AEID:2946 AENM:IUF_NPC3_neuronal_differentiati...
M4ID:8503746



Hitcall	BMD	AC50
2.5e−17	23.298	18.403
model	**aic**	**rme**
poly2	885.075	17.324
exp2	903.271	17.258
pow	903.277	17.260
hill	905.274	17.260
exp5	905.279	17.264
poly1	909.648	18.183
gnls	919.012	20.001
cnst	919.487	19.976
exp4	922.877	20.121
exp3	925.487	19.976

Flags(1): Bmd > ac50, indication of high baseline variability

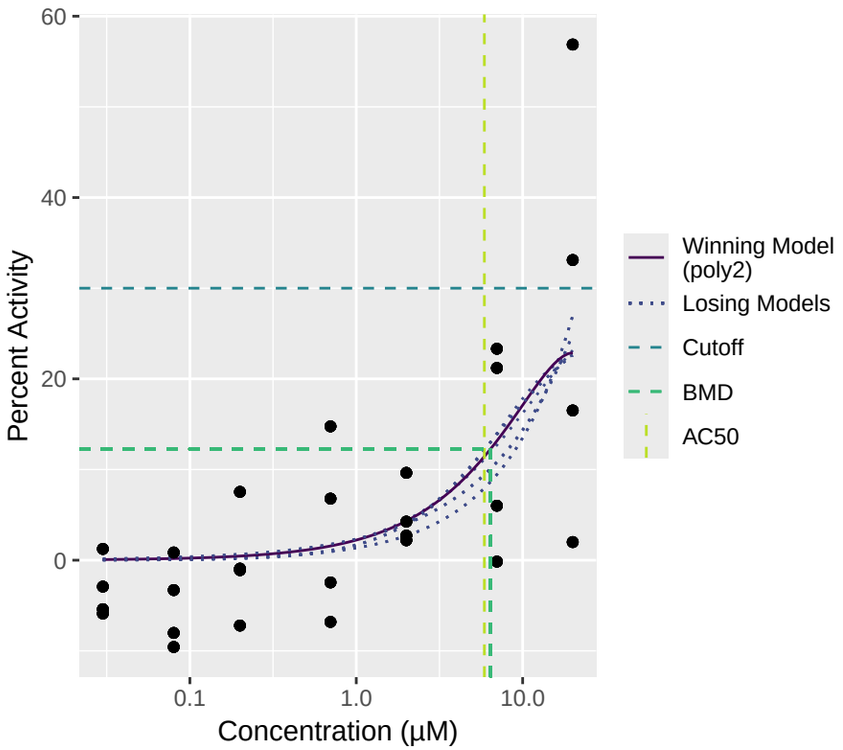
DTXSID5024344 Tri−allate
SPID:EPAPLT0157D06 AEID:2956 AENM:IUF_NPC2−5_cytotoxicity_120hr
M4ID:8504956



Hitcall	BMD	AC50
0.000	NA	0.035
model	**aic**	**rme**
gnls	349.804	4.856
exp4	354.224	5.333
hill	355.839	5.330
exp5	355.976	5.324
pow	407.038	6.352
poly2	415.245	5.068
exp3	423.048	6.367
poly1	448.726	6.167
cnst	448.806	5.825
exp2	450.732	6.167

Flags(2): Model directionality questionable;
No median responses above baseline (3*bmad)

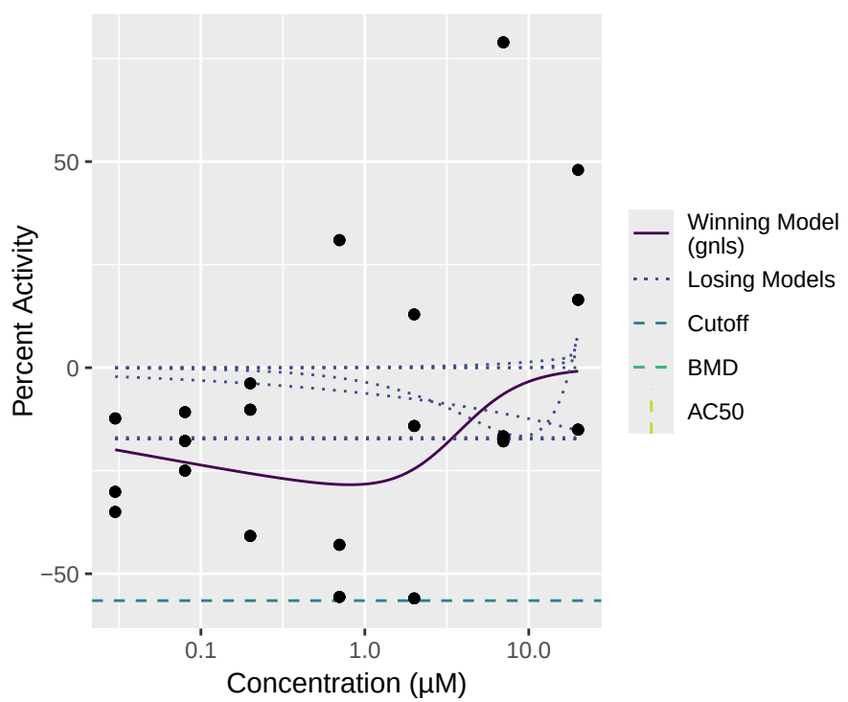
DTXSID1025300 2−Ethylhexyl diphenyl phosphate
SPID:EPAPLT0157D11 AEID:2960 AENM:IUF−NPC2−5_viability_120hr
M4ID:8505442



Hitcall	BMD	AC50
0.002	6.421	5.889
model	**aic**	**rme**
hill	1.0e+03	10.051
gnls	1.0e+03	10.051
poly1	1.0e+03	10.024
poly2	1.0e+03	10.032
pow	1.0e+03	9.984
exp2	1.0e+03	10.024
exp3	1.0e+03	9.988
exp4	1.0e+03	10.018
exp5	1.0e+03	10.051
cnst	1.1e+03	15.152

Flags(1): Bmd > ac50, indication of high baseline variability

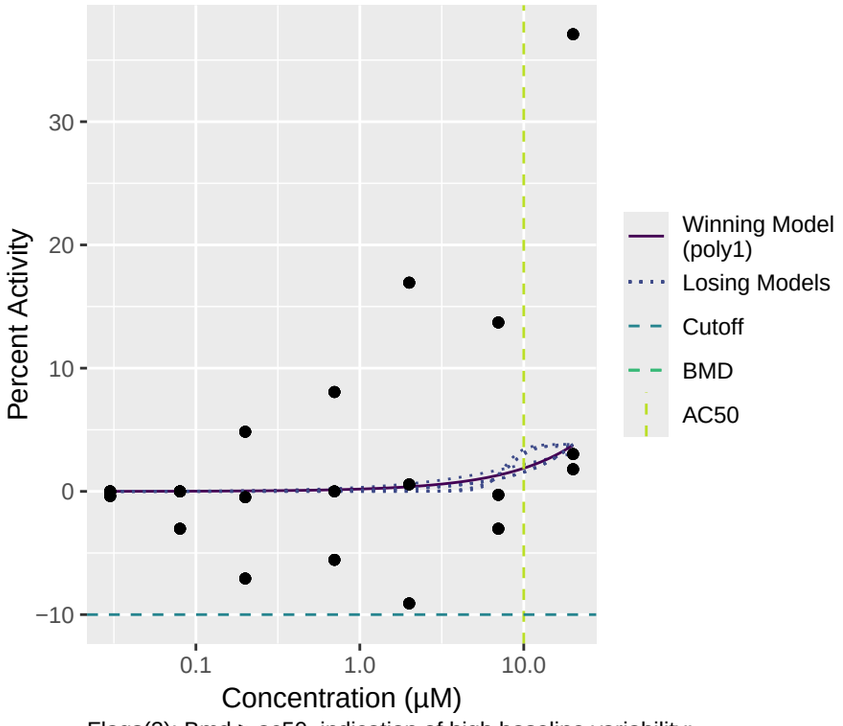
DTXSID1020140 Sodium benzoate
SPID:EPAPLT0157E01 AEID:2952 AENM:IUF_NPC5_oligodendrocyte_differ...
M4ID:8504480



Hitcall	BMD	AC50
0.001	NA	0.004
model	**aic**	**rme**
gnls	839.093	28.430
exp4	848.312	31.143
hill	850.305	31.142
exp5	852.531	31.093
pow	873.782	33.373
poly2	874.602	33.691
cnst	875.252	33.373
poly1	877.145	33.285
exp2	878.560	33.223
exp3	881.252	33.373

Flags(3): Model directionality questionable;
Gain AC50 < lowest conc & loss AC50 < mean conc;
No median responses above baseline (3*bmad)

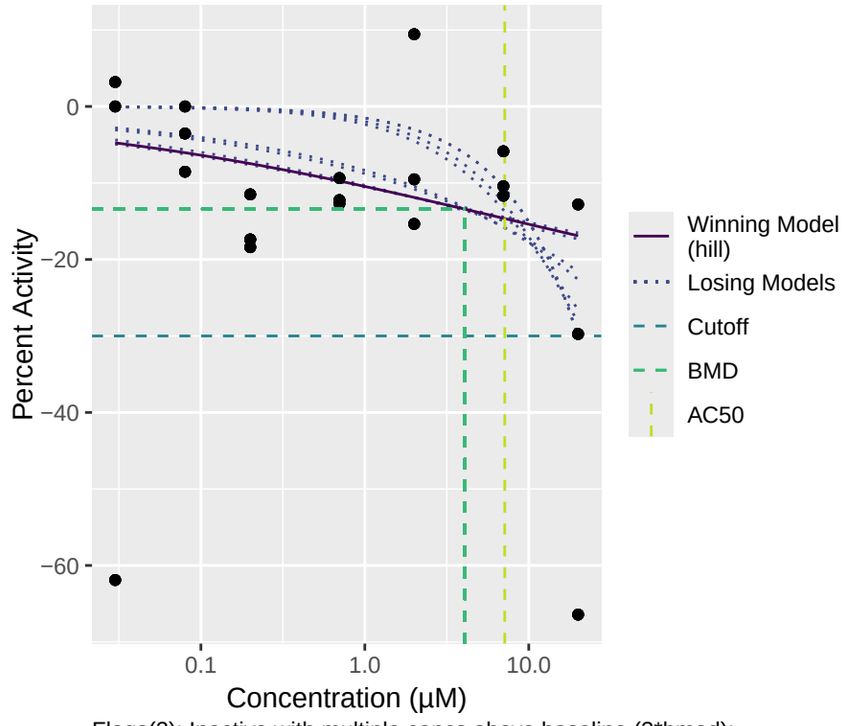
DTXSID1025300 2−Ethylhexyl diphenyl phosphate
SPID:EPAPLT0157D11 AEID:3087 AENM:IUF_NPC1_cytotoxicity_72hr
M4ID:8502564



Hitcall	BMD	AC50
−2.5e−05	25.482	10.000
model	**aic**	**rme**
poly1	725.559	9.345
pow	727.501	9.350
poly2	727.518	9.350
exp2	727.520	9.349
exp4	728.034	9.434
hill	729.481	9.358
exp5	729.496	9.387
exp3	729.504	9.352
cnst	730.793	10.082
gnls	733.481	9.358

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

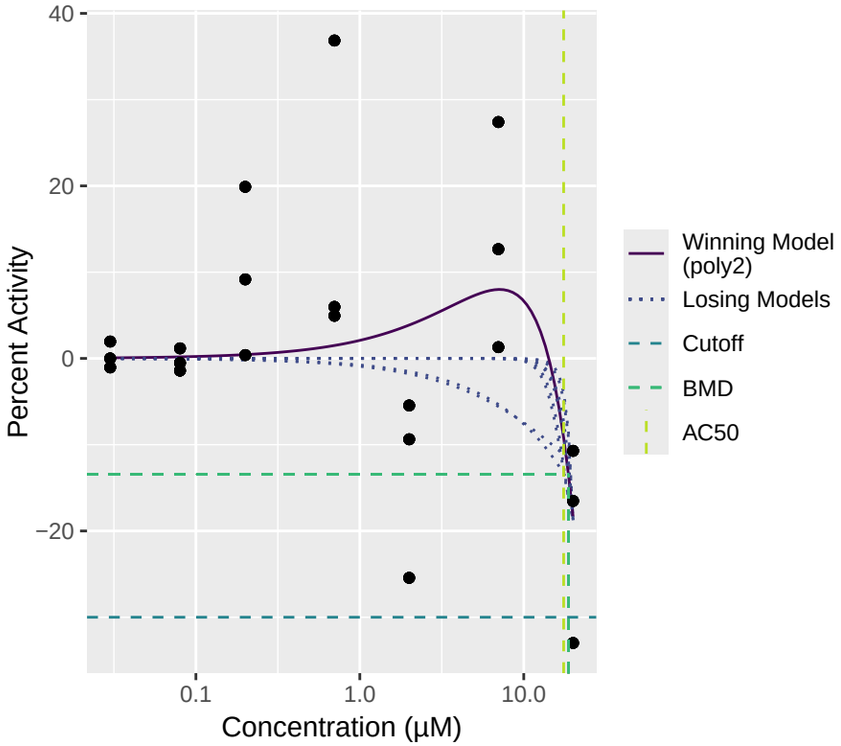
DTXSID4020458 Chlorpyrifos
SPID:EPAPLT0157E11 AEID:2775 AENM:IUF_NPC1_viability_72hr
M4ID:8502326



Hitcall	BMD	AC50
0.075	4.084	7.139
model	**aic**	**rme**
hill	856.503	18.070
pow	856.553	17.806
exp5	857.086	18.084
exp3	859.782	17.751
gnls	860.527	18.094
poly1	879.679	18.212
exp4	880.754	18.396
poly2	880.870	18.293
exp2	881.685	18.211
cnst	933.172	23.151

Flags(2): Inactive with multiple concs above baseline (3*bmad);
Borderline

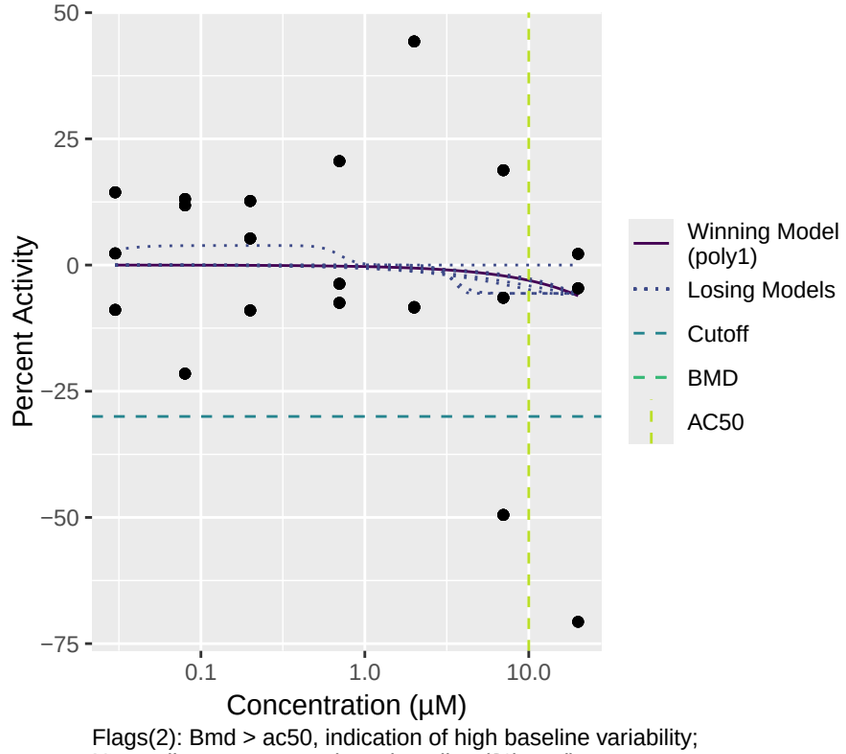
DTXSID9020794 Maneb
SPID:EPAPLT0157F01 AEID:2775 AENM:IUF_NPC1_viability_72hr
M4ID:8502328



Hitcall	BMD	AC50
4.9e−06	18.735	17.515
model	**aic**	**rme**
poly2	831.837	13.111
exp2	838.166	13.552
pow	838.176	13.552
exp3	840.160	13.551
hill	840.169	13.552
exp5	840.179	13.553
gnls	844.189	13.553
poly1	849.776	14.404
exp4	856.164	14.643
cnst	870.684	15.522

Flags(1): Bmd > ac50, indication of high baseline variability

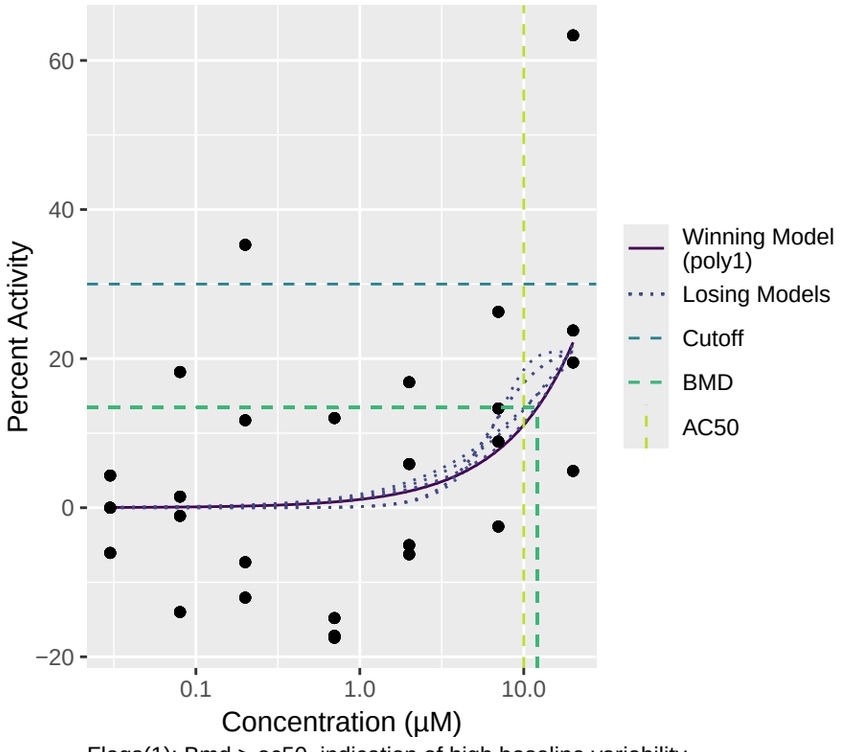
DTXSID6024701 tert−Butylphenyl diphenyl phosphate
SPID:EPAPLT0157F03 AEID:2950 AENM:IUF_NPC4_neurite_area_120hr
M4ID:8504247



Hitcall	BMD	AC50
1.7e−06	79.245	10.000
model	**aic**	**rme**
cnst	894.924	22.010
poly1	895.067	21.378
poly2	896.949	21.367
exp4	896.988	21.372
pow	897.067	21.379
exp2	897.069	21.378
hill	898.567	21.155
exp5	898.567	21.153
exp3	899.143	21.405
gnls	902.660	21.955

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

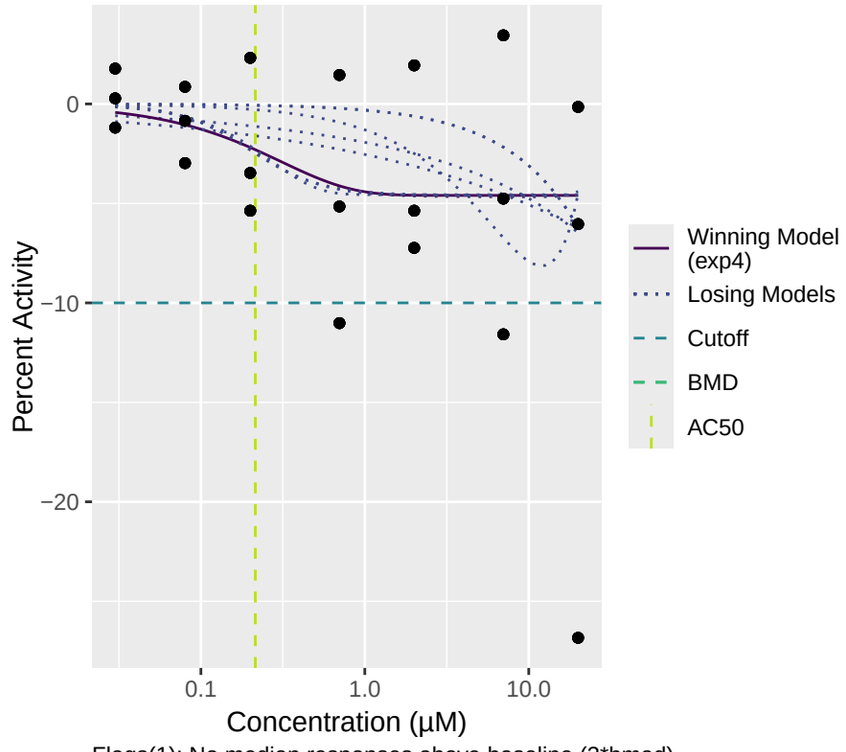
DTXSID6024701 tert−Butylphenyl diphenyl phosphate
SPID:EPAPLT0157F03 AEID:2775 AENM:IUF_NPC1_viability_72hr
M4ID:8502329



Hitcall	BMD	AC50
0.003	12.112	10.000
model	**aic**	**rme**
poly1	1.1e+03	14.669
cnst	1.2e+03	18.371
hill	1.2e+03	14.626
gnls	1.2e+03	14.626
poly2	1.2e+03	14.693
pow	1.2e+03	14.673
exp2	1.2e+03	14.669
exp3	1.2e+03	14.678
exp4	1.2e+03	14.800
exp5	1.2e+03	14.627

Flags(1): Bmd > ac50, indication of high baseline variability

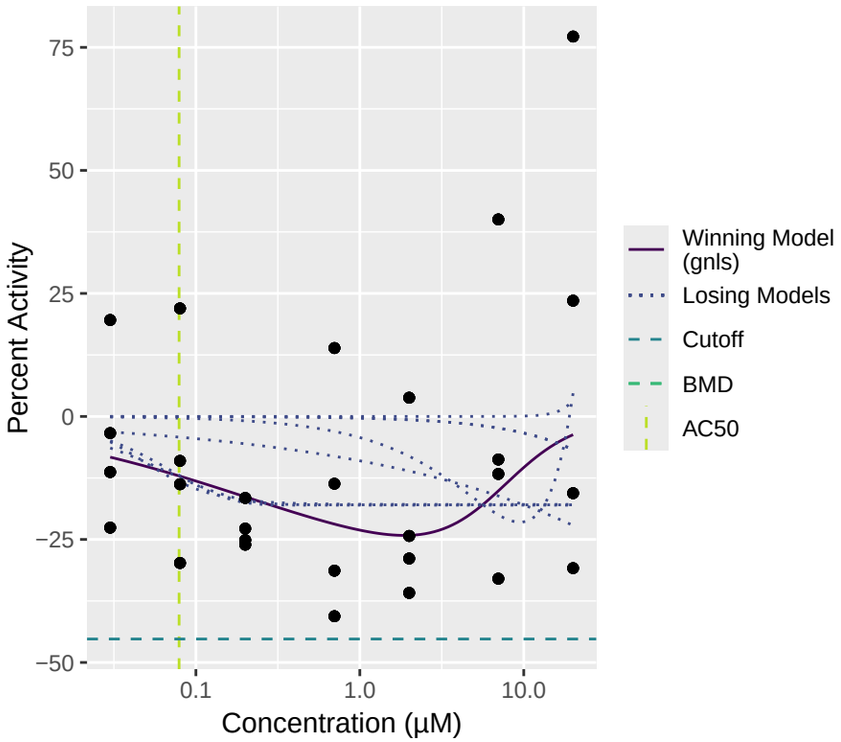
DTXSID4034609 Fipronil
SPID:EPAPLT0157G04 AEID:2956 AENM:IUF_NPC2−5_cytotoxicity_120hr
M4ID:8504972



Hitcall	BMD	AC50
1.5e−16	NA	0.215
model	**aic**	**rme**
exp4	653.394	6.208
exp5	654.839	6.206
hill	655.004	6.205
gnls	658.973	6.237
pow	660.377	6.079
exp3	665.642	6.106
poly2	667.549	6.491
poly1	676.845	6.443
exp2	678.852	6.444
cnst	693.136	7.626

Flags(1): No median responses above baseline (3*bmad)

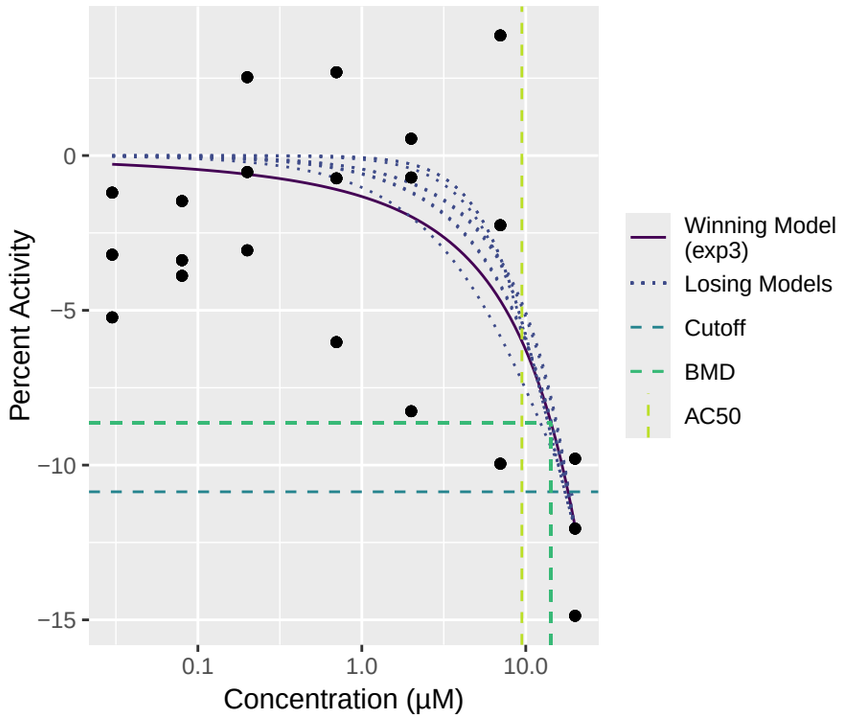
DTXSID7020552 Doxylamine succinate
SPID:EPAPLT0157G11 AEID:2946 AENM:IUF_NPC3_neuronal_differentiati...
M4ID:8503773



Hitcall	BMD	AC50
3.2e−04	NA	0.079
model	**aic**	**rme**
hill	1.2e+03	26.007
gnls	1.2e+03	24.093
exp4	1.2e+03	25.997
exp5	1.2e+03	25.988
cnst	1.3e+03	27.031
poly1	1.3e+03	27.415
poly2	1.3e+03	26.226
pow	1.3e+03	27.653
exp2	1.3e+03	27.412
exp3	1.3e+03	26.851

Flags(1): Model directionality questionable

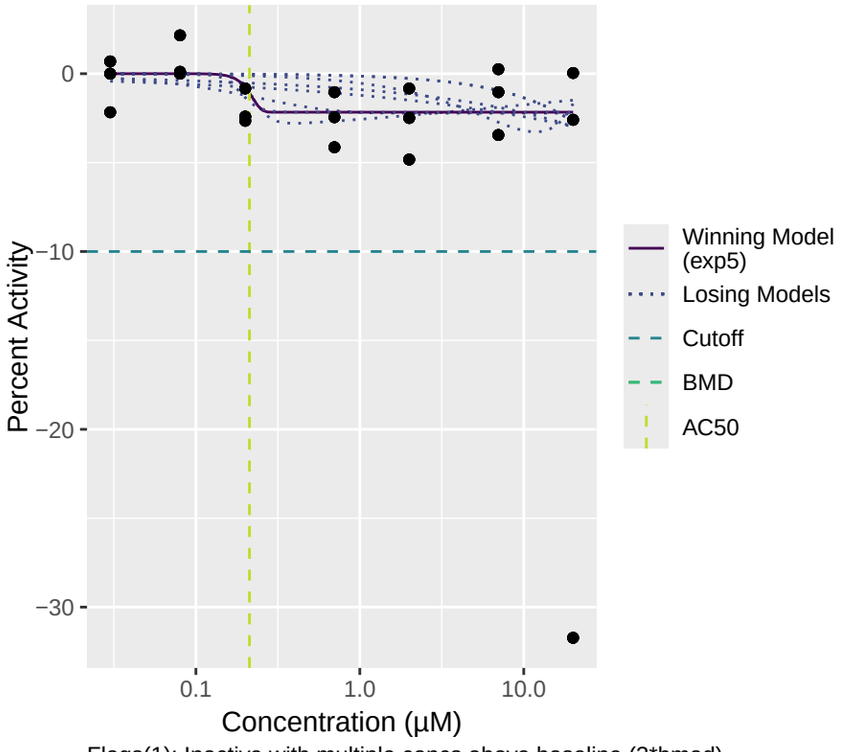
DTXSID1032519 Acibenzolar−S−methyl
SPID:EPAPLT0157H05 AEID:2940 AENM:IUF_NPC2a_radial_glia_migration...
M4ID:8503056



Hitcall	BMD	AC50
0.642	14.282	9.471
model	**aic**	**rme**
exp3	574.689	3.629
poly1	575.212	3.718
exp2	576.737	3.721
poly2	576.791	3.720
pow	577.211	3.718
exp5	580.825	3.778
hill	581.169	3.792
exp4	581.908	3.816
gnls	585.169	3.792
cnst	666.937	6.130

Flags(2): Bmd > ac50, indication of high baseline variability; Borderline

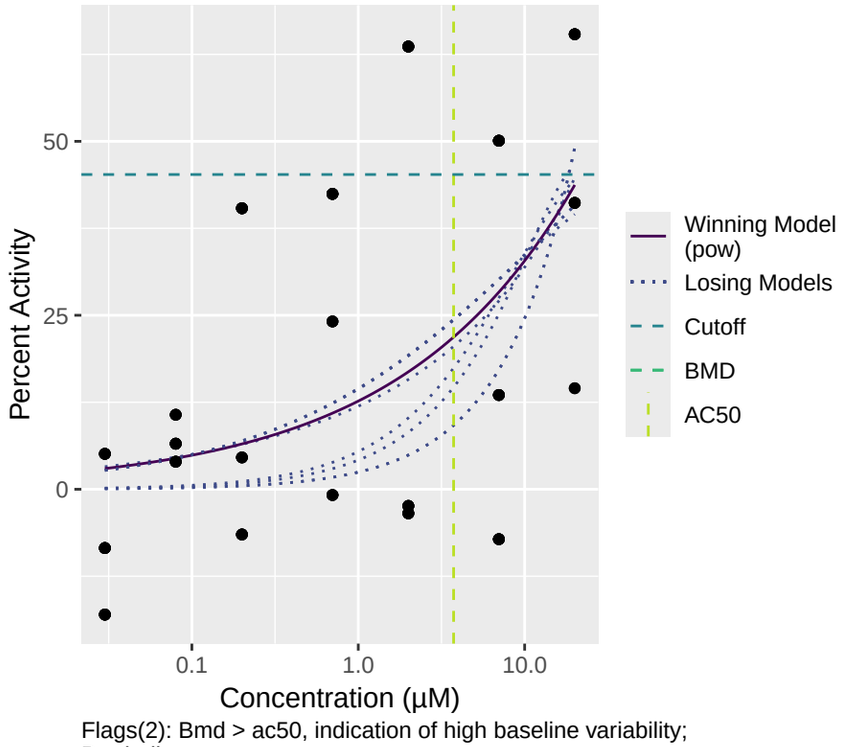
DTXSID8023846 Acephate
SPID:EPAPLT0157H01 AEID:3087 AENM:IUF_NPC1_cytotoxicity_72hr
M4ID:8502581



Hitcall	BMD	AC50
0.000	NA	0.212
model	**aic**	**rme**
exp5	474.496	6.810
hill	474.513	6.810
gnls	475.588	6.950
exp4	481.374	6.814
pow	501.460	6.701
exp3	509.835	6.720
poly2	518.033	7.027
poly1	528.390	6.861
exp2	530.397	6.861
cnst	541.712	7.489

Flags(1): Inactive with multiple concs above baseline (3*bmad)

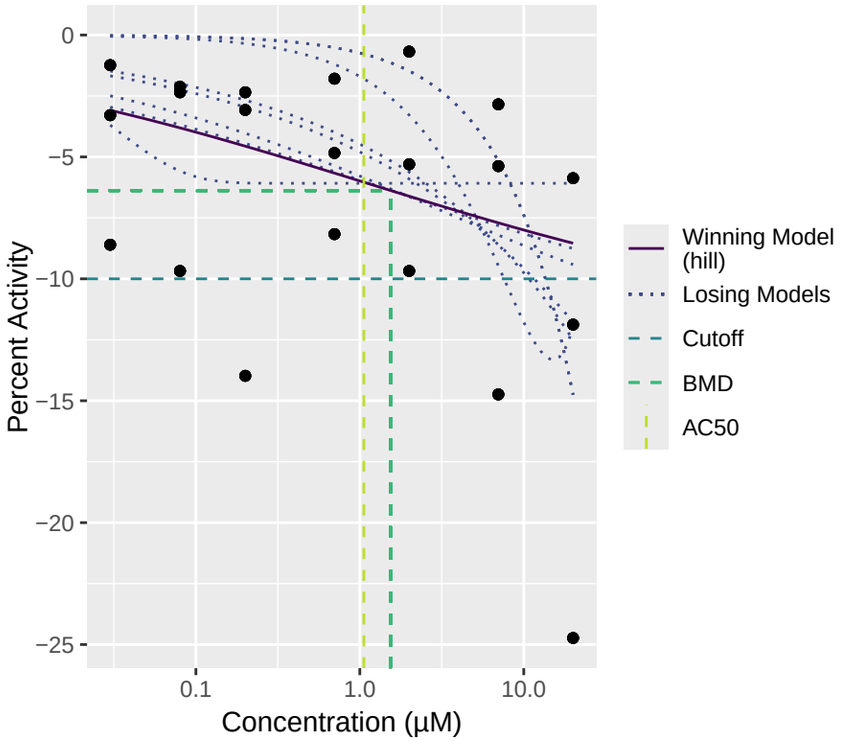
DTXSID5023742 Warfarin
SPID:EPAPLT0157H06 AEID:2946 AENM:IUF_NPC3_neuronal_differentiati...
M4ID:8503777



Hitcall	BMD	AC50
0.149	20.624	3.742
model	**aic**	**rme**
pow	789.051	21.832
exp3	790.925	21.892
hill	791.654	21.760
exp5	791.999	21.790
poly1	794.162	24.049
exp4	794.314	23.160
poly2	794.652	23.418
gnls	795.654	21.761
exp2	796.167	24.051
cnst	833.348	30.488

Flags(2): Bmd > ac50, indication of high baseline variability; Borderline

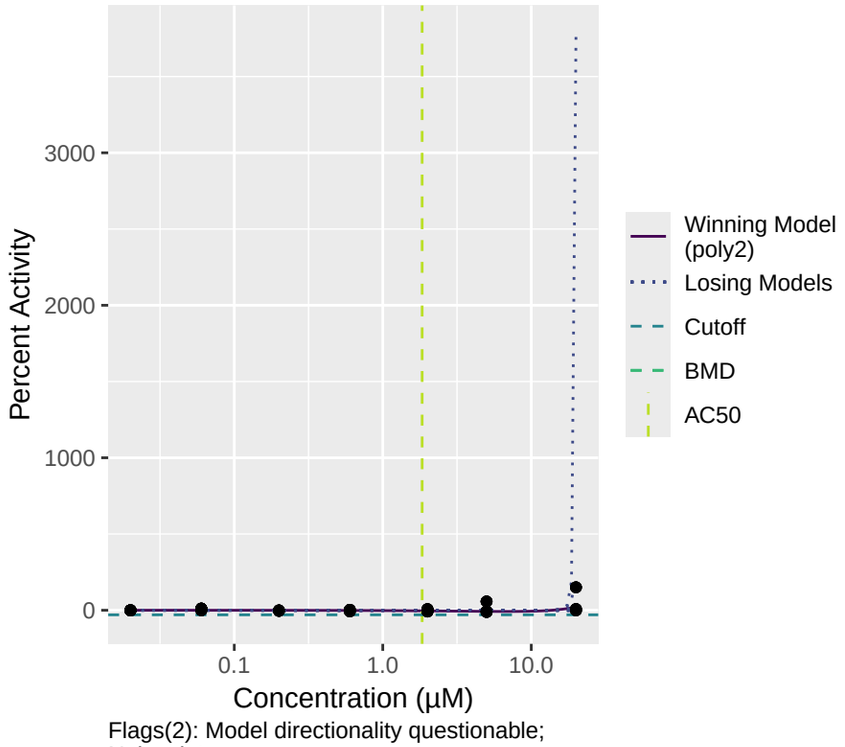
DTXSID4034150 Haloperidol
SPID:EPAPLT0158A02 AEID:2954 AENM:IUF_NPC2−5_cytotoxicity_72hr
M4ID:8504742



Hitcall	BMD	AC50
0.824	1.538	1.058
model	**aic**	**rme**
hill	647.938	5.326
exp5	648.553	5.277
pow	650.490	5.217
gnls	651.787	5.306
exp4	655.913	5.734
exp3	656.482	5.237
poly2	687.409	6.068
poly1	696.414	6.309
exp2	698.424	6.309
cnst	756.144	8.884

Flags(1): Bmd > ac50, indication of high baseline variability

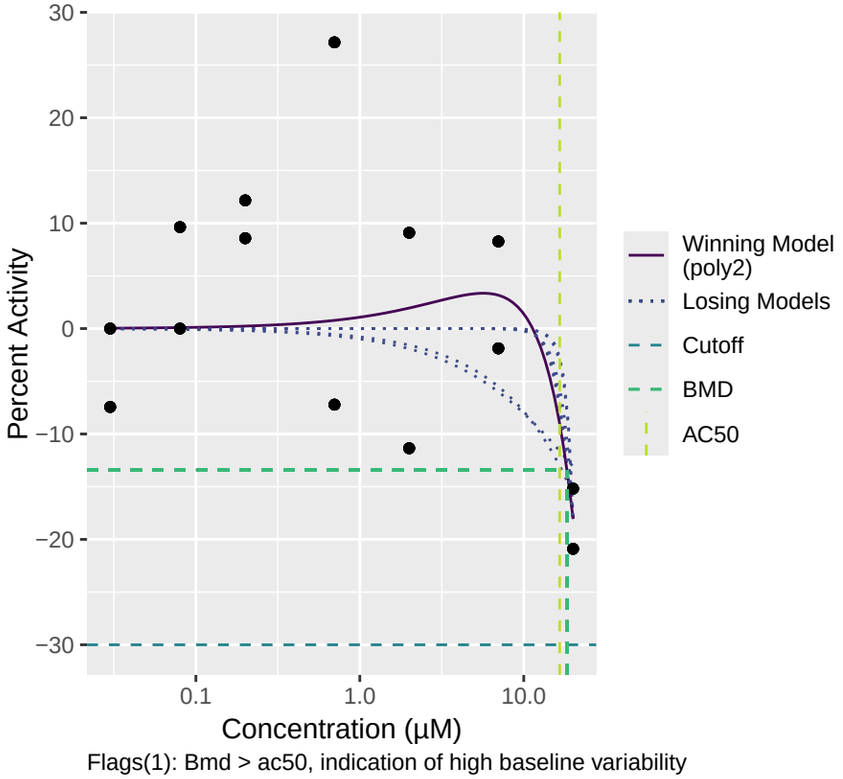
DTXSID4047672 Flubendiamide
SPID:EPAPLT0158E03 AEID:2773 AENM:IUF_NPC1a_proliferation_area_72hr
M4ID:8502113



Hitcall	BMD	AC50
0.000	NA	1.841
model	**aic**	**rme**
poly2	762.068	33.310
cnst	774.447	33.514
exp2	775.805	32.791
poly1	776.176	33.264
exp4	776.611	33.911
gnls	777.195	33.720
exp3	777.803	32.791
hill	777.804	32.791
pow	777.956	33.790
exp5	778.761	34.149

Flags(2): Model directionality questionable;
Noisy data

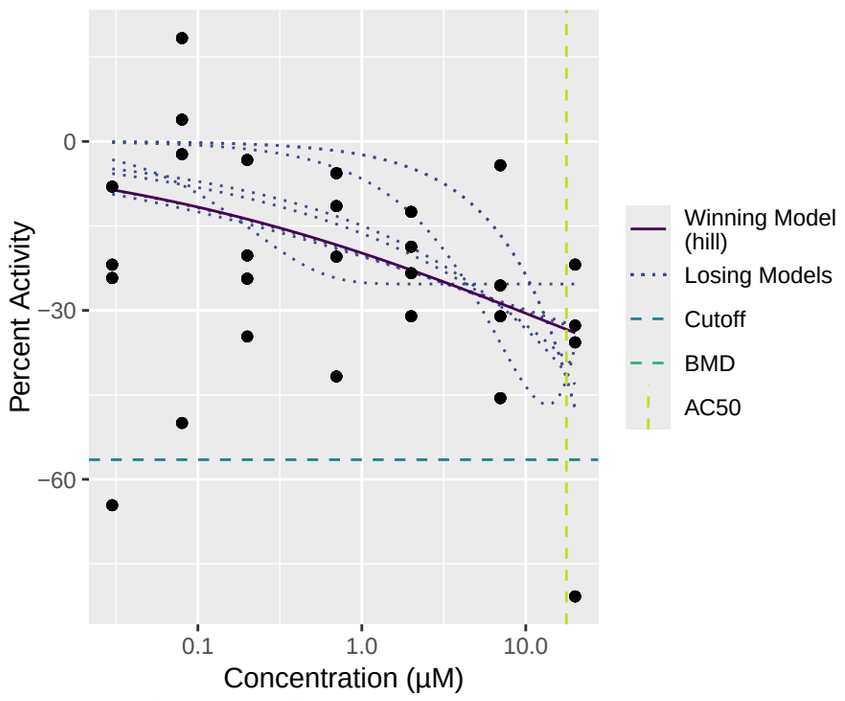
DTXSID2023270 Metformin
SPID:EPAPLT0158E01 AEID:2775 AENM:IUF_NPC1_viability_72hr
M4ID:8502350



Hitcall	BMD	AC50
1.9e−07	18.356	16.567
model	**aic**	**rme**
poly2	526.345	10.044
exp2	528.307	10.207
pow	528.313	10.207
exp3	530.298	10.207
hill	530.302	10.207
exp5	530.303	10.207
gnls	534.303	10.207
poly1	535.663	10.765
exp4	541.643	10.982
cnst	556.899	12.275

Flags(1): Bmd > ac50, indication of high baseline variability

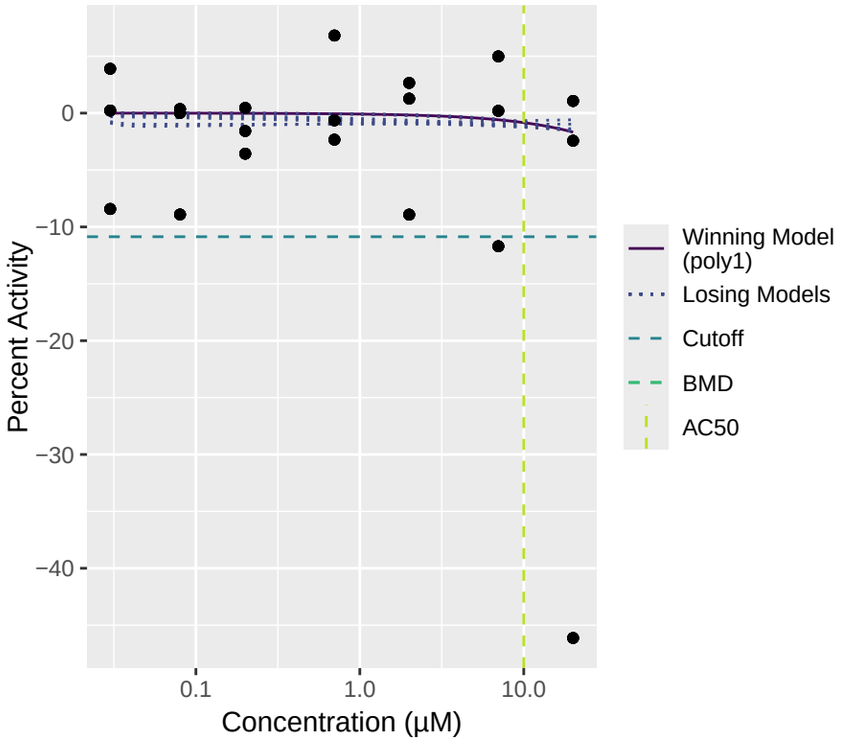
DTXSID2022707 Buspirone
SPID:EPAPLT0158H02 AEID:2952 AENM:IUF_NPC5_oligodendrocyte_differ...
M4ID:8504517



Hitcall	BMD	AC50
0.246	200.000	17.718
model	**aic**	**rme**
hill	1.1e+03	19.464
exp5	1.1e+03	19.526
gnls	1.2e+03	19.462
poly1	1.2e+03	23.682
poly2	1.2e+03	22.586
pow	1.2e+03	19.719
exp2	1.2e+03	23.683
exp3	1.2e+03	19.924
exp4	1.2e+03	21.150
cnst	1.3e+03	30.819

Flags(3): Bmd > ac50, indication of high baseline variability;
Borderline;
No median responses above baseline (3*bmad)

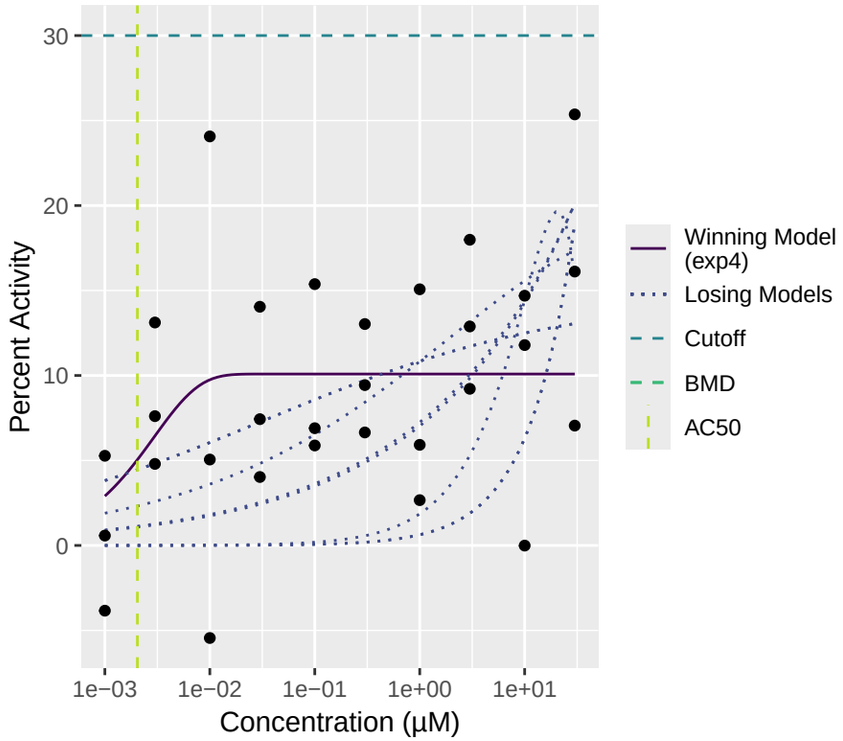
DTXSID9032113 Tebuconazole
SPID:EPAPLT0158H03 AEID:2940 AENM:IUF_NPC2a_radial_glia_migration...
M4ID:8503078



Hitcall	BMD	AC50
1.5e−09	103.409	10.000
model	**aic**	**rme**
cnst	714.417	11.166
poly1	714.833	10.824
pow	716.086	10.821
poly2	716.832	10.823
exp2	716.832	10.825
exp4	716.844	10.832
exp5	717.018	10.907
hill	717.892	10.844
exp3	718.243	10.820
gnls	720.879	10.984

Flags(1): Bmd > ac50, indication of high baseline variability

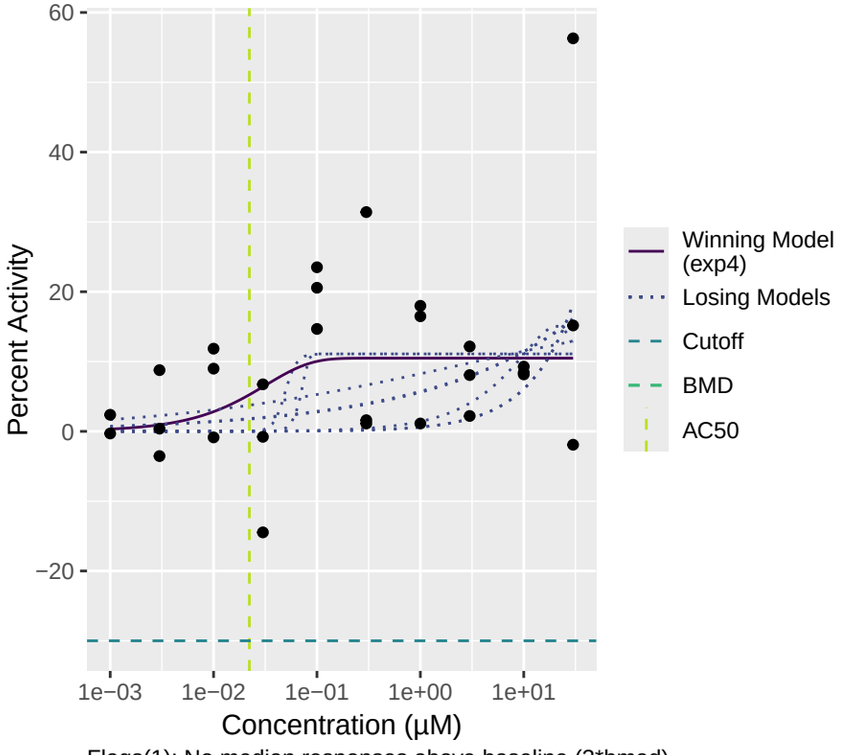
DTXSID8023846 Acephate
SPID:EPAPLT0167A01 AEID:2793 AENM:CCTE_Mundy_HCI_hNP1_Casp3_7
M4ID:12975564



Hitcall	BMD	AC50
0.000	NA	0.002
model	**aic**	**rme**
exp4	204.064	6.512
hill	204.623	6.463
exp5	208.539	6.985
gnls	208.623	6.463
pow	213.305	7.695
exp3	215.971	7.738
poly2	227.088	9.280
poly1	228.311	9.677
exp2	230.316	9.678
cnst	236.806	11.506

Flags(0): None

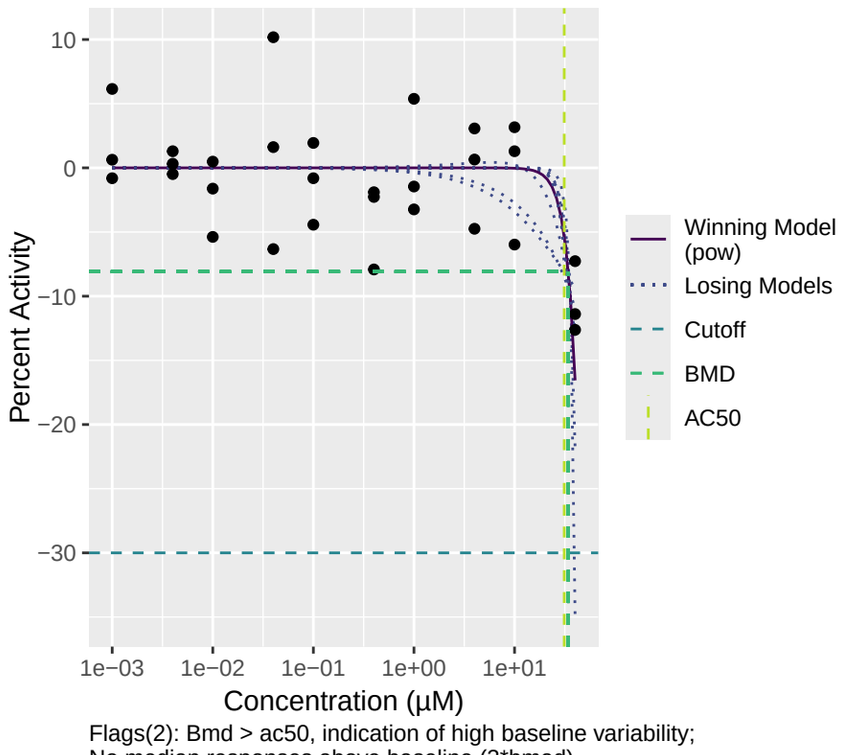
DTXSID8023846 Acephate
SPID:EPAPLT0167A01 AEID:2780 AENM:CCTE_Mundy_HCI_Cortical_NOG_Neu...
M4ID:12976195



Hitcall	BMD	AC50
−2.5e−15	NA	0.022
model	**aic**	**rme**
exp4	224.469	11.987
exp5	225.330	11.663
hill	229.260	12.205
gnls	229.383	11.672
pow	230.152	12.475
exp3	232.345	12.487
poly1	235.314	13.543
poly2	235.686	13.733
exp2	237.322	13.543
cnst	238.608	15.751

Flags(1): No median responses above baseline (3*bmad)

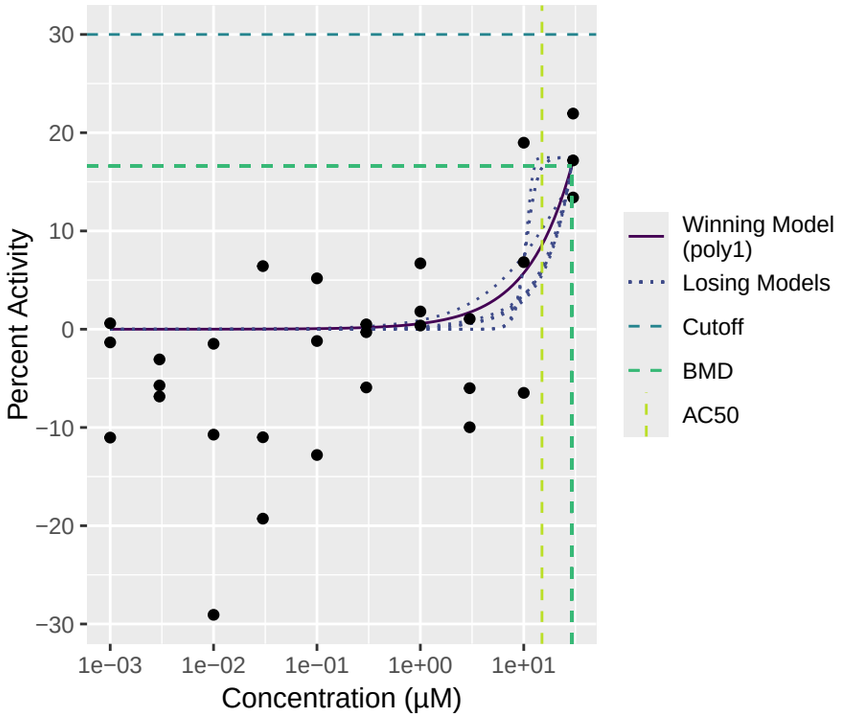
DTXSID2023270 Metformin
SPID:EPAPLT0167A02 AEID:2778 AENM:CCTE_Mundy_HCI_Cortical_NOG_Neu...
M4ID:12976802



Hitcall	BMD	AC50
1.4e−11	34.211	31.196
model	**aic**	**rme**
pow	172.935	3.879
exp2	172.937	3.878
poly1	173.039	3.976
poly2	173.080	3.889
exp3	174.922	3.880
hill	174.923	3.879
exp5	174.923	3.879
exp4	176.463	4.064
gnls	178.923	3.879
cnst	184.745	5.091

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

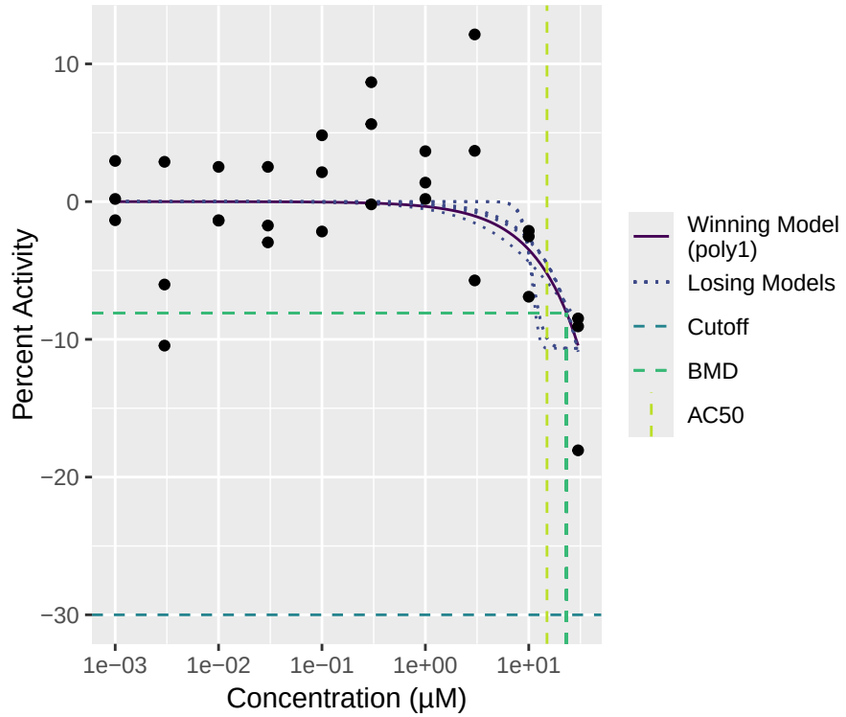
DTXSID6040373 Metaflumizone
SPID:EPAPLT0167A03 AEID:2777 AENM:CCTE_Mundy_HCI_Cortical_NOG_BPC...
M4ID:12977076



Hitcall	BMD	AC50
1.2e−04	29.053	15.000
model	**aic**	**rme**
poly1	219.991	9.201
pow	221.610	9.176
poly2	221.703	9.194
exp2	221.761	9.192
exp4	222.883	9.296
hill	222.981	9.097
exp5	222.981	9.097
exp3	223.643	9.183
gnls	226.981	9.097
cnst	230.067	10.842

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

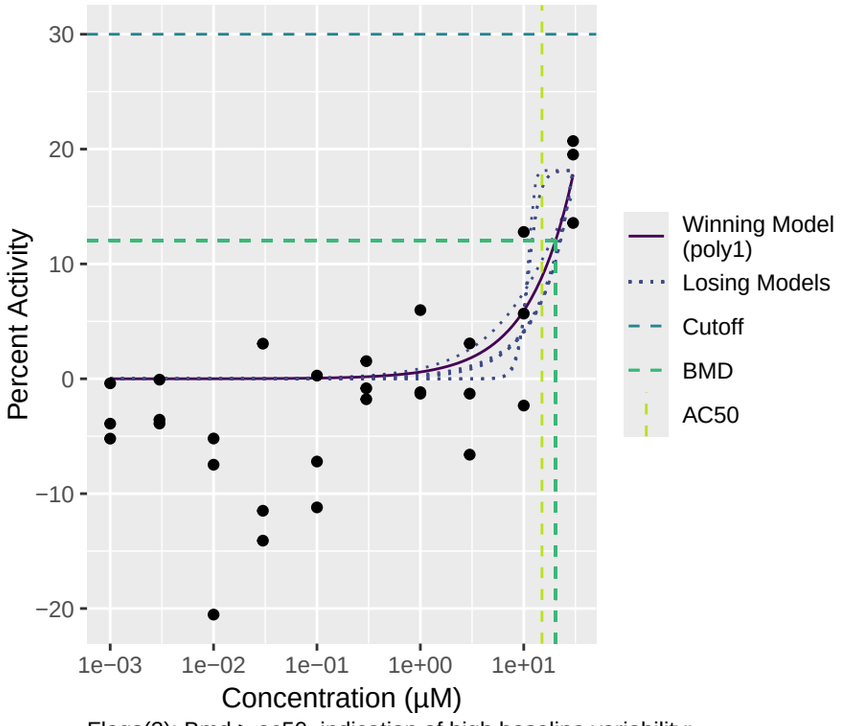
DTXSID2023309 Metoprolol
SPID:EPAPLT0167A04 AEID:2778 AENM:CCTE_Mundy_HCI_Cortical_NOG_Neu...
M4ID:12976804



Hitcall	BMD	AC50
1.2e−11	23.233	15.000
model	**aic**	**rme**
poly1	180.172	4.658
pow	181.818	4.600
poly2	182.023	4.623
exp2	182.043	4.629
hill	183.080	4.537
exp5	183.080	4.537
exp4	183.659	4.821
exp3	183.824	4.603
gnls	187.080	4.537
cnst	193.011	5.999

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

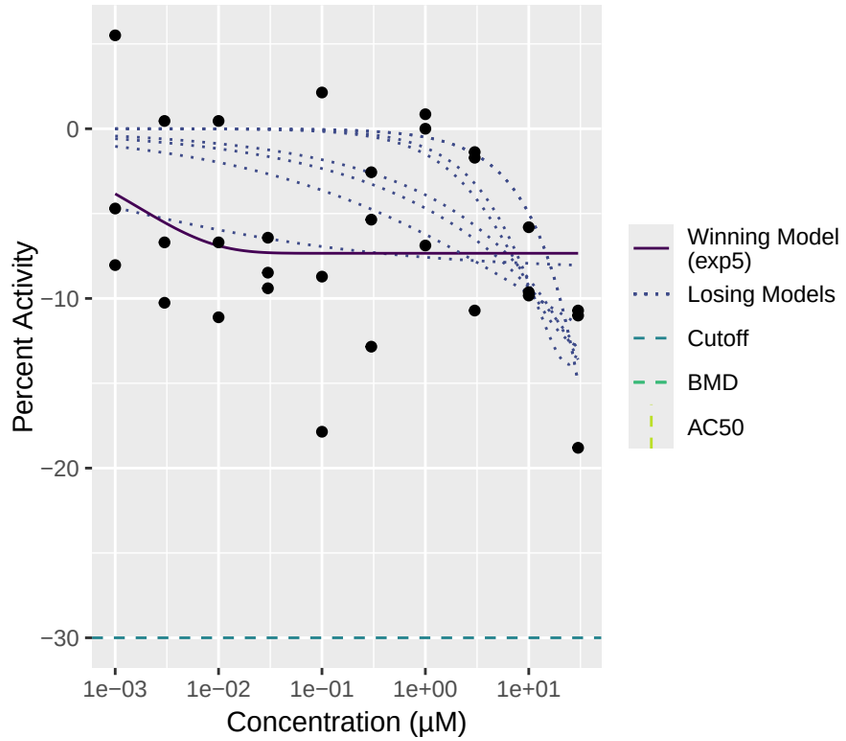
DTXSID6040373 Metaflumizone
SPID:EPAPLT0167A03 AEID:2779 AENM:CCTE_Mundy_HCI_Cortical_NOG_Neu...
M4ID:12976500



Hitcall	BMD	AC50
5.6e−06	20.361	15.000
model	**aic**	**rme**
poly1	201.708	6.743
pow	203.245	6.708
poly2	203.372	6.719
exp2	203.404	6.720
hill	204.810	6.673
exp5	204.810	6.673
exp4	204.987	6.847
exp3	205.251	6.708
gnls	208.810	6.673
cnst	217.675	8.920

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

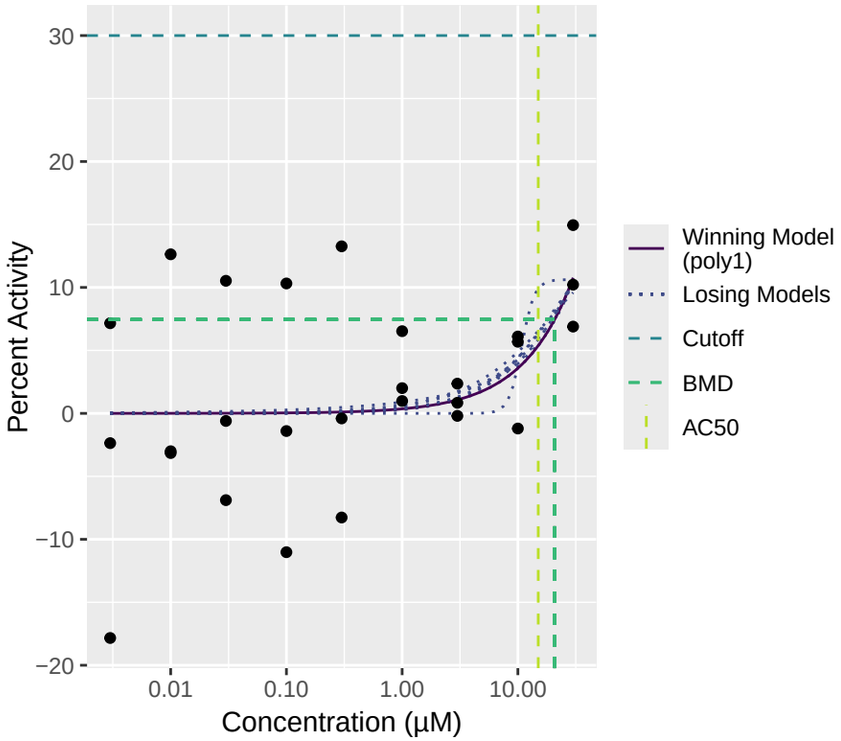
DTXSID2023309 Metoprolol
SPID:EPAPLT0167A04 AEID:3068 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981060



Hitcall	BMD	AC50
0.000	NA	0.001
model	**aic**	**rme**
exp5	196.844	5.394
gnls	200.851	5.399
pow	201.215	5.986
hill	201.839	5.766
exp3	204.253	6.113
exp4	207.183	6.726
poly2	207.416	6.757
poly1	207.691	6.951
exp2	209.696	6.951
cnst	219.666	8.597

Flags(1): No median responses above baseline (3*bmad)

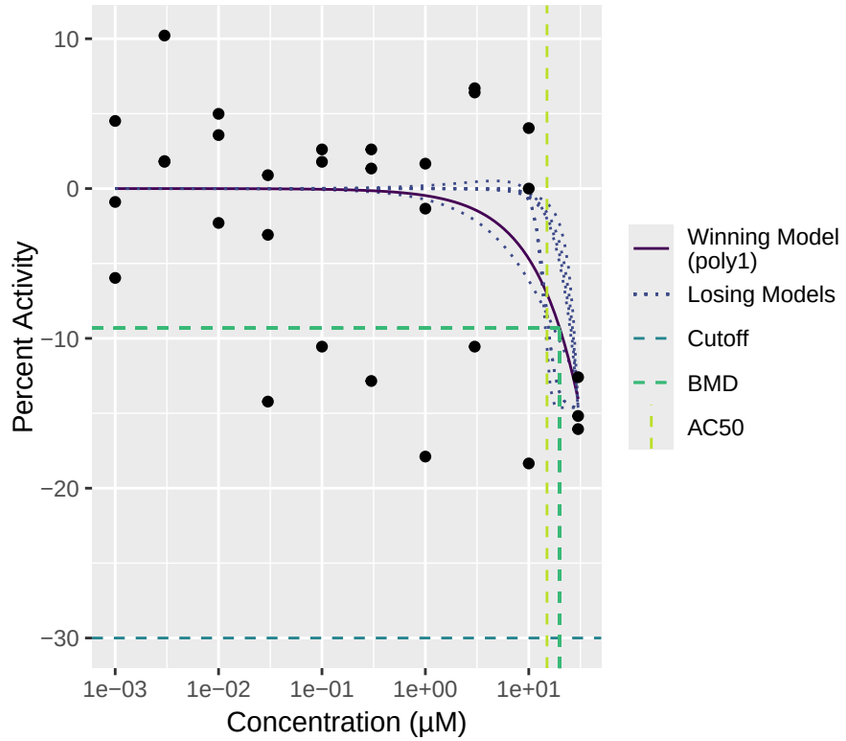
DTXSID9020116 5−Azacytidine
SPID:EPAPLT0167A06 AEID:2783 AENM:CCTE_Mundy_HCI_Cortical_Synap_N...
M4ID:12978847



Hitcall	BMD	AC50
1.5e−08	20.755	15.000
model	**aic**	**rme**
poly1	184.977	6.929
pow	186.894	6.922
poly2	186.950	6.929
exp2	186.979	6.930
exp4	187.136	6.946
exp3	188.816	6.907
hill	189.021	6.937
exp5	189.067	6.941
cnst	192.150	7.904
gnls	193.312	6.957

Flags(1): Bmd > ac50, indication of high baseline variability

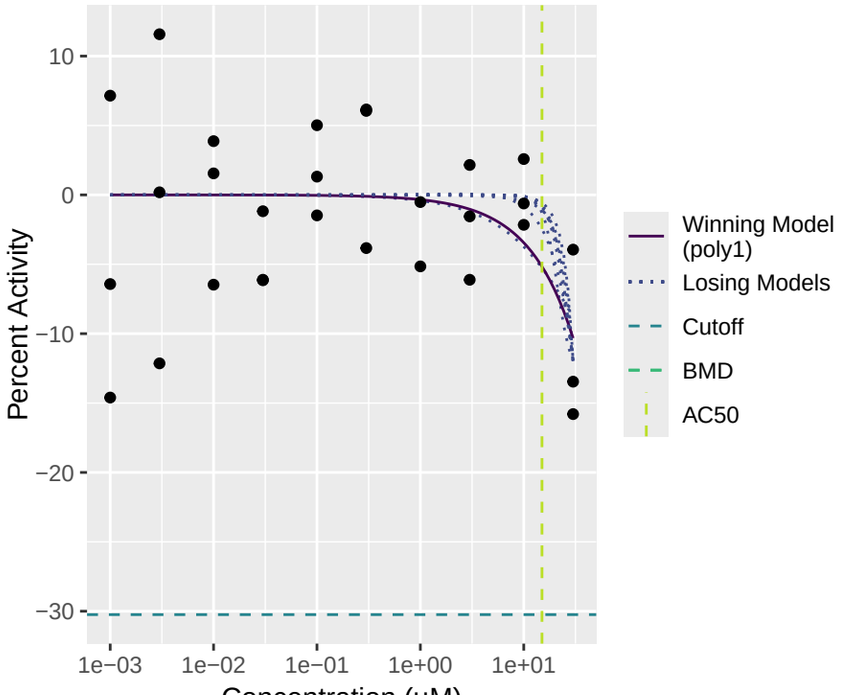
DTXSID9020663 Glycerol
SPID:EPAPLT0167A07 AEID:3068 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981063



Hitcall	BMD	AC50
5.6e−07	19.908	15.000
model	**aic**	**rme**
poly1	207.420	7.132
poly2	208.280	7.307
pow	208.334	7.264
exp2	208.349	7.278
hill	210.327	7.256
exp5	210.327	7.256
exp3	210.337	7.269
exp4	210.380	7.165
gnls	214.327	7.256
cnst	217.499	8.640

Flags(1): Bmd > ac50, indication of high baseline variability

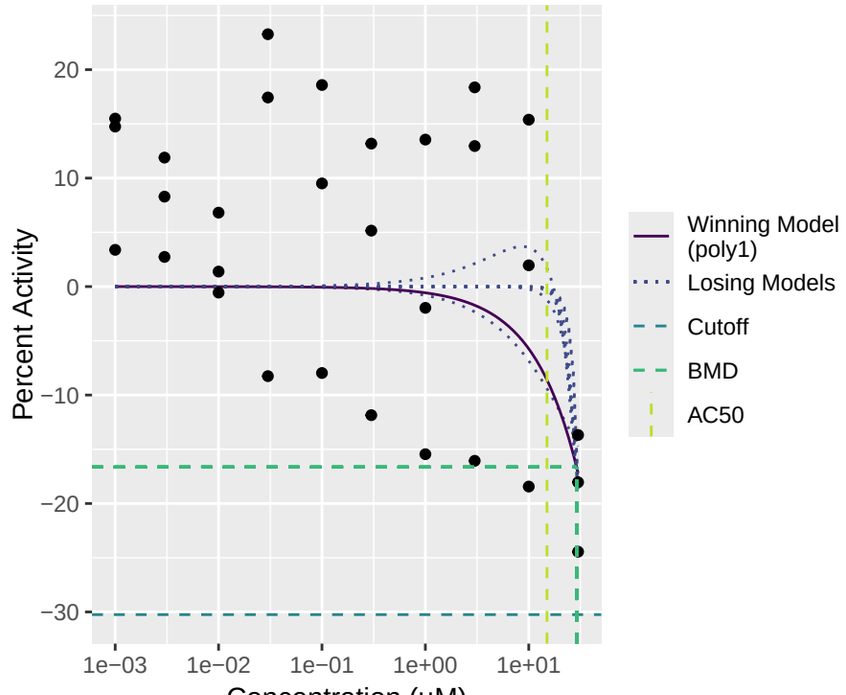
DTXSID9020116 5−Azacytidine
SPID:EPAPLT0167A06 AEID:3070 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981580



Hitcall	BMD	AC50
2.9e−09	48.366	15.000
model	**aic**	**rme**
poly1	191.761	5.956
exp2	192.443	5.887
pow	192.463	5.888
poly2	192.585	5.895
exp3	194.460	5.889
hill	194.461	5.888
exp5	194.461	5.888
exp4	194.491	6.010
cnst	196.963	6.874
gnls	198.461	5.888

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

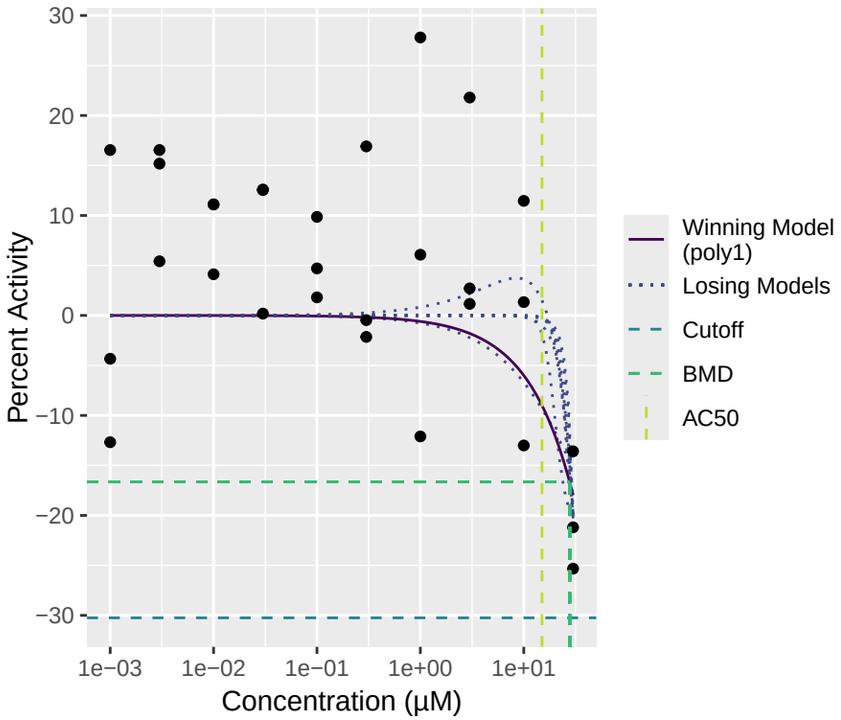
DTXSID9020663 Glycerol
SPID:EPAPLT0167A07 AEID:3070 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981581



Hitcall	BMD	AC50
0.004	29.030	15.000
model	**aic**	**rme**
poly1	243.548	12.213
poly2	244.145	11.991
exp2	244.502	11.997
pow	244.507	11.997
exp4	246.263	12.360
exp5	246.498	11.997
hill	246.499	11.997
exp3	246.499	11.997
cnst	247.582	13.378
gnls	250.499	11.997

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

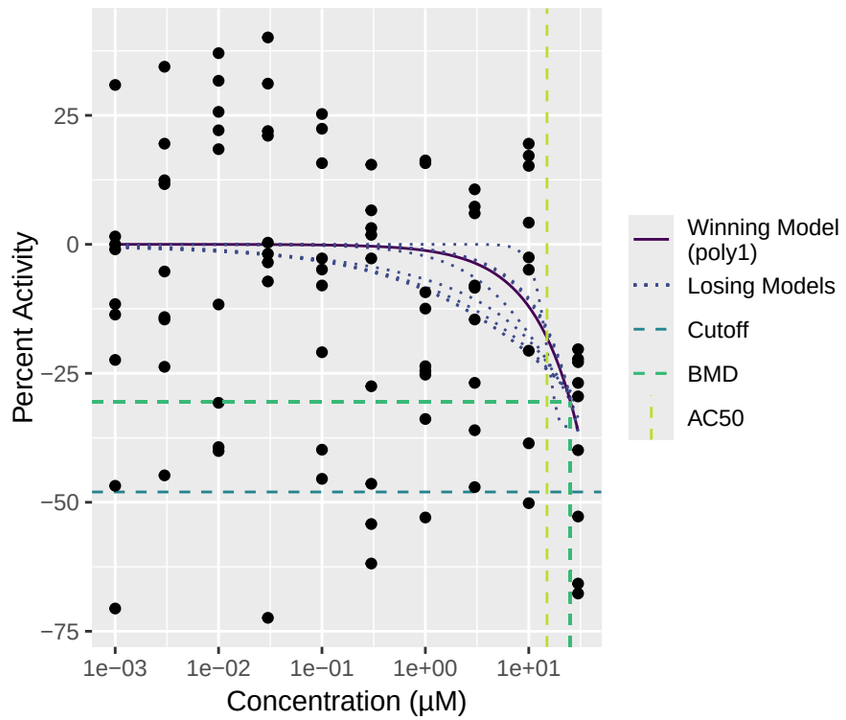
DTXSID6024177 Methamidophos
SPID:EPAPLT0167A08 AEID:3070 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981582



Hitcall	BMD	AC50
0.004	27.762	15.000
model	**aic**	**rme**
poly2	237.809	11.091
poly1	238.427	11.617
exp2	238.509	11.245
pow	238.510	11.244
hill	240.504	11.244
exp3	240.505	11.244
exp5	240.505	11.244
exp4	241.450	11.787
cnst	243.671	12.907
gnls	244.506	11.244

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

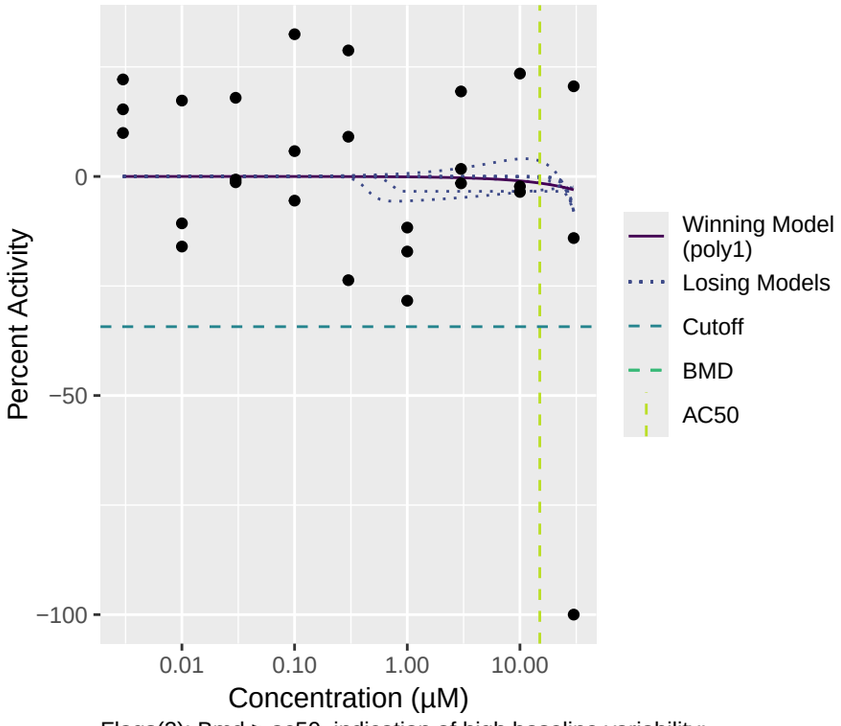
DTXSID2022707 Buspirone
SPID:EPAPLT0167A09 AEID:3067 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_B...
M4ID:12980806



Hitcall	BMD	AC50
0.040	25.324	15.000
model	**aic**	**rme**
poly1	856.385	26.769
pow	856.918	26.340
exp2	858.356	26.780
poly2	858.365	26.777
exp3	858.470	26.299
exp4	859.268	26.862
hill	859.351	26.406
exp5	861.247	26.991
gnls	863.356	26.402
cnst	873.339	29.672

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

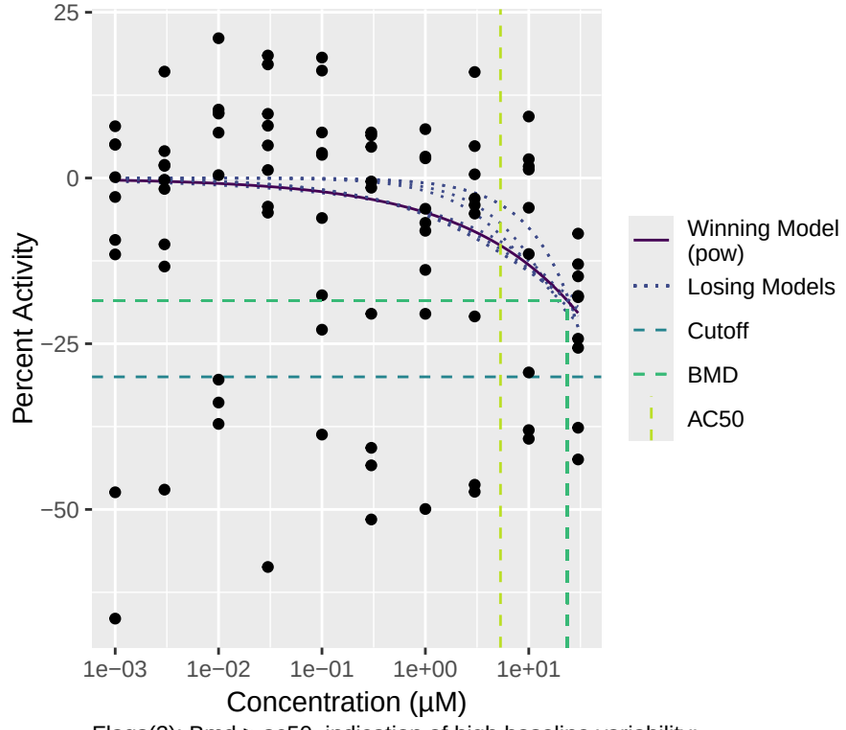
DTXSID2022707 Buspirone
SPID:EPAPLT0167A09 AEID:2782 AENM:CCTE_Mundy_HCI_Cortical_Synap_N...
M4ID:12977654



Hitcall	BMD	AC50
0.002	223.178	15.000
model	**aic**	**rme**
cnst	244.895	25.248
poly1	246.849	24.879
poly2	248.449	24.222
exp2	248.640	24.293
pow	248.644	24.288
exp4	248.857	24.920
exp5	250.538	24.780
hill	250.637	24.271
exp3	250.637	24.266
gnls	254.272	24.851

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

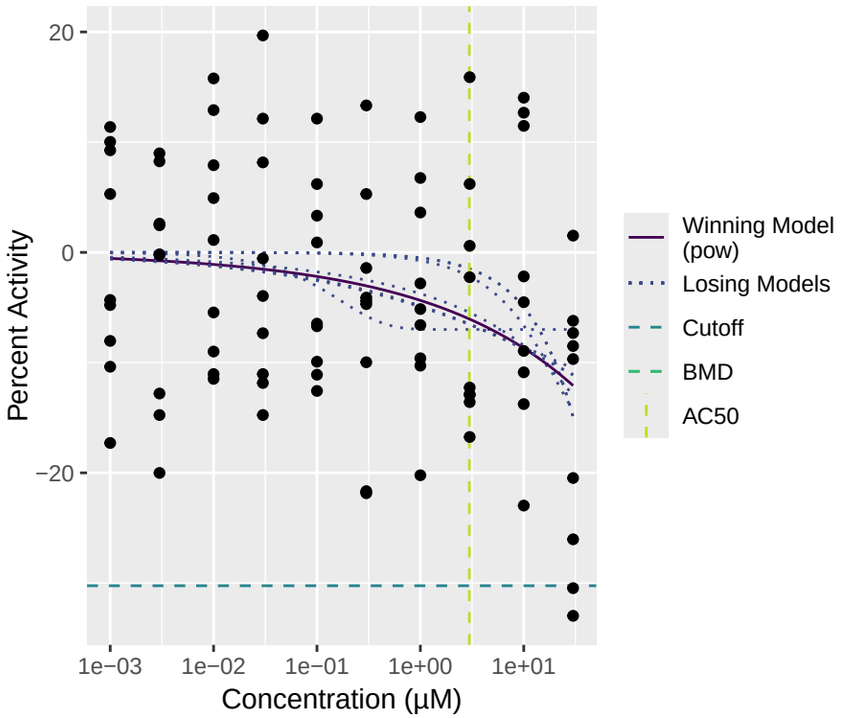
DTXSID2022707 Buspirone
SPID:EPAPLT0167A09 AEID:3069 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981324



Hitcall	BMD	AC50
0.008	23.612	5.329
model	**aic**	**rme**
pow	797.139	20.417
poly1	797.415	21.067
exp4	798.676	20.836
poly2	798.819	20.908
exp3	799.009	20.396
hill	799.322	20.447
exp2	799.418	21.068
exp5	799.688	20.460
gnls	803.499	20.451
cnst	813.571	22.661

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

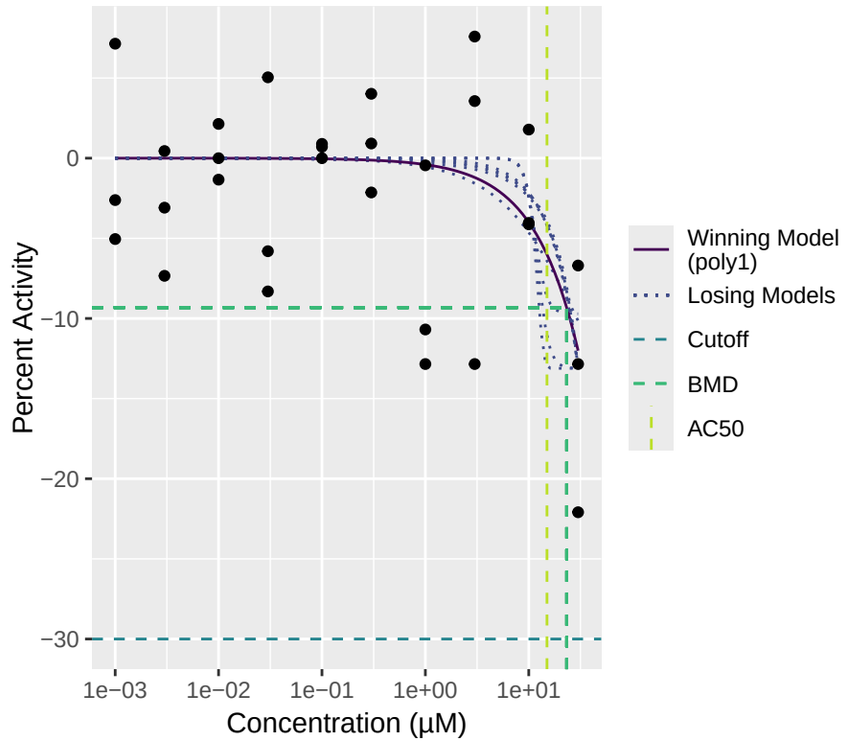
DTXSID2022707 Buspirone
SPID:EPAPLT0167A09 AEID:3070 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981583



Hitcall	BMD	AC50
4.3e−11	87.323	2.976
model	**aic**	**rme**
pow	696.759	10.669
poly1	698.390	10.730
exp3	698.833	10.641
hill	698.988	10.710
exp5	699.110	10.726
exp4	699.464	10.915
poly2	700.167	10.749
exp2	700.393	10.730
gnls	702.988	10.710
cnst	710.608	11.895

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

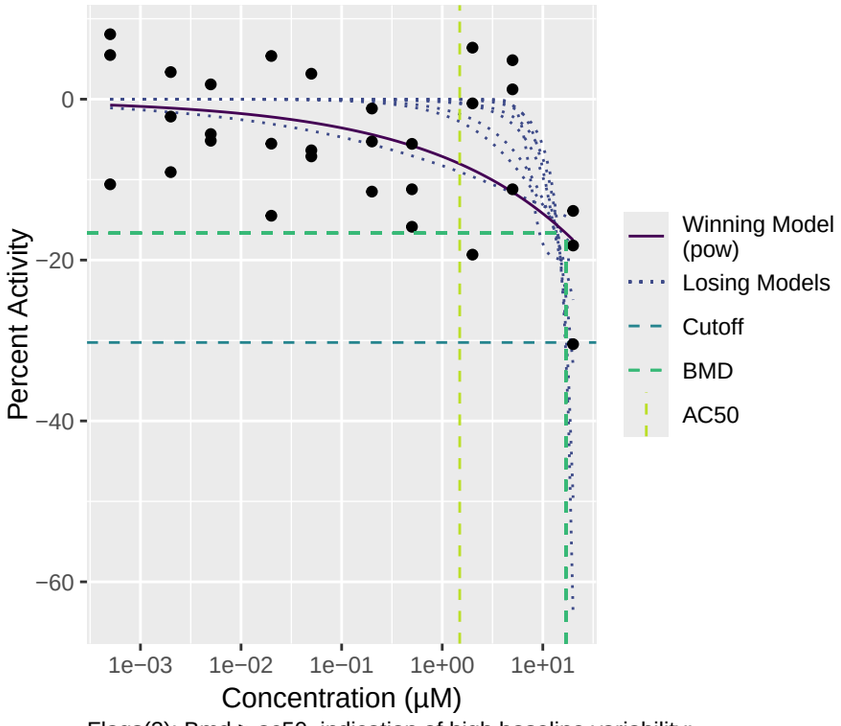
DTXSID4031356 Galactosamine hydrochloride
SPID:EPAPLT0167B01 AEID:3068 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981068



Hitcall	BMD	AC50
5.1e−08	23.270	15.000
model	**aic**	**rme**
poly1	194.681	5.672
exp2	196.126	5.643
poly2	196.129	5.648
pow	196.148	5.659
exp4	197.641	5.775
exp3	198.060	5.625
hill	198.077	5.669
exp5	198.077	5.669
gnls	202.975	5.815
cnst	203.694	7.196

Flags(1): Bmd > ac50, indication of high baseline variability

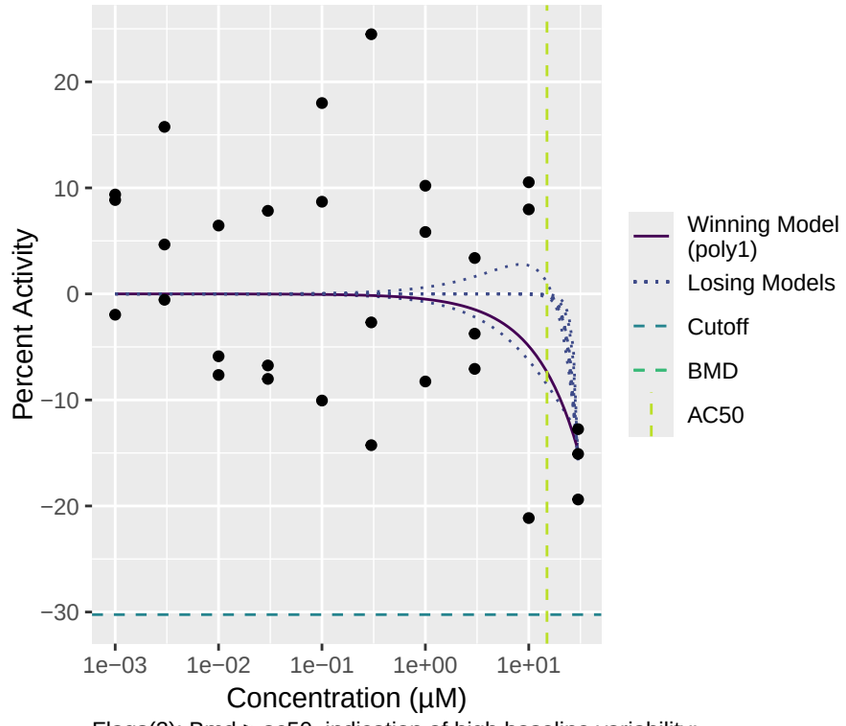
DTXSID0034695 Mancozeb
SPID:EPAPLT0167A10 AEID:3070 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981584



Hitcall	BMD	AC50
4.4e−05	16.910	1.492
model	**aic**	**rme**
pow	217.803	7.870
poly1	218.319	8.134
exp2	219.736	8.122
poly2	219.867	8.128
exp4	221.304	8.272
exp3	221.844	8.165
exp5	221.851	8.172
hill	221.852	8.173
gnls	223.897	7.939
cnst	228.480	10.505

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

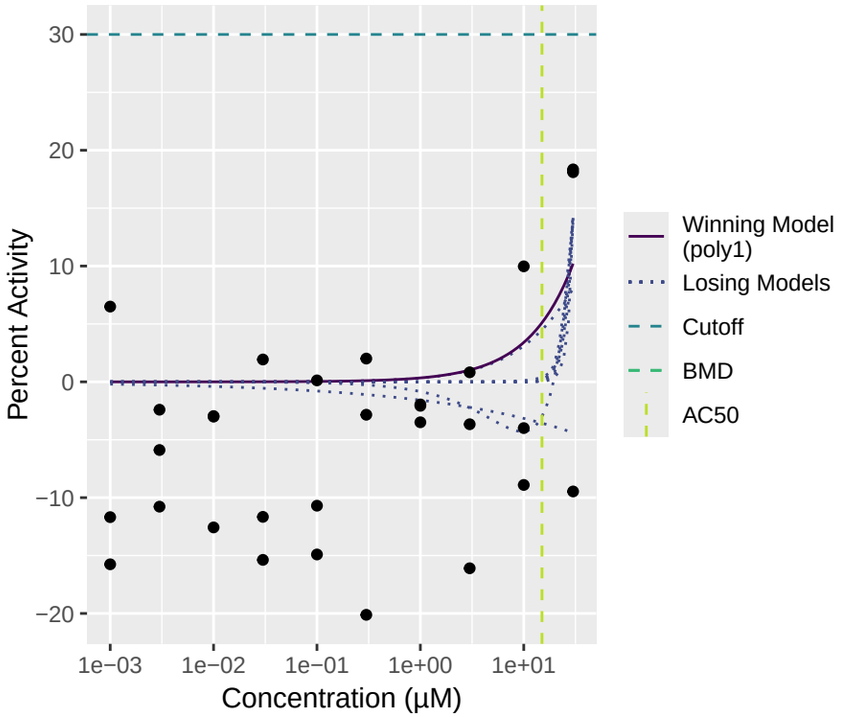
DTXSID4031356 Galactosamine hydrochloride
SPID:EPAPLT0167B01 AEID:3070 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981586



Hitcall	BMD	AC50
2.0e−04	33.845	15.000
model	**aic**	**rme**
poly1	230.189	10.049
poly2	230.966	10.063
pow	231.062	9.972
exp2	231.062	9.971
exp4	232.865	10.151
exp3	233.055	9.972
hill	233.056	9.972
exp5	233.056	9.972
cnst	235.120	11.146
gnls	237.056	9.972

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

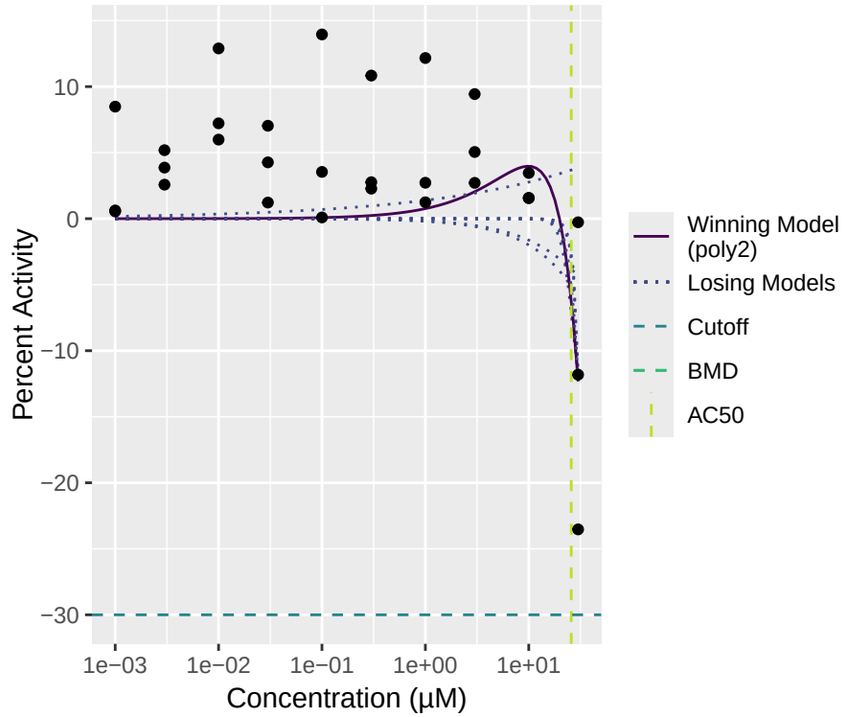
DTXSID7034961 Thiacloprid
SPID:EPAPLT0167B03 AEID:2779 AENM:CCTE_Mundy_HCI_Cortical_NOG_Neu...
M4ID:12976511



Hitcall	BMD	AC50
3.3e−05	35.432	15.000
model	**aic**	**rme**
poly2	229.471	9.855
cnst	229.589	10.216
poly1	230.179	10.002
exp2	230.546	9.944
exp4	232.478	9.984
hill	232.525	9.947
exp3	232.525	9.946
exp5	232.525	9.947
pow	232.815	10.347
gnls	236.525	9.947

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

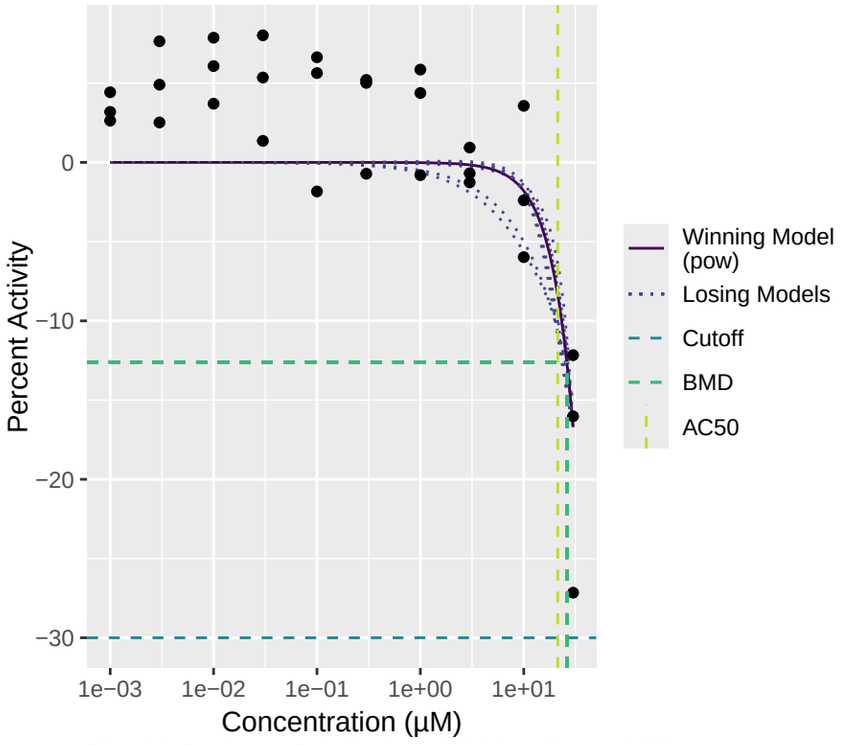
DTXSID6020226 Cadmium chloride
SPID:EPAPLT0167B04 AEID:2794 AENM:CCTE_Mundy_HCI_hNP1_CellTiter
M4ID:12981968



Hitcall	BMD	AC50
1.3e−06	30.166	25.755
model	**aic**	**rme**
poly2	204.087	6.460
exp2	206.974	6.704
cnst	207.819	7.683
poly1	208.335	7.122
exp3	208.971	6.704
hill	208.972	6.704
exp5	208.972	6.704
pow	210.058	7.944
exp4	210.674	7.244
gnls	212.973	6.704

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

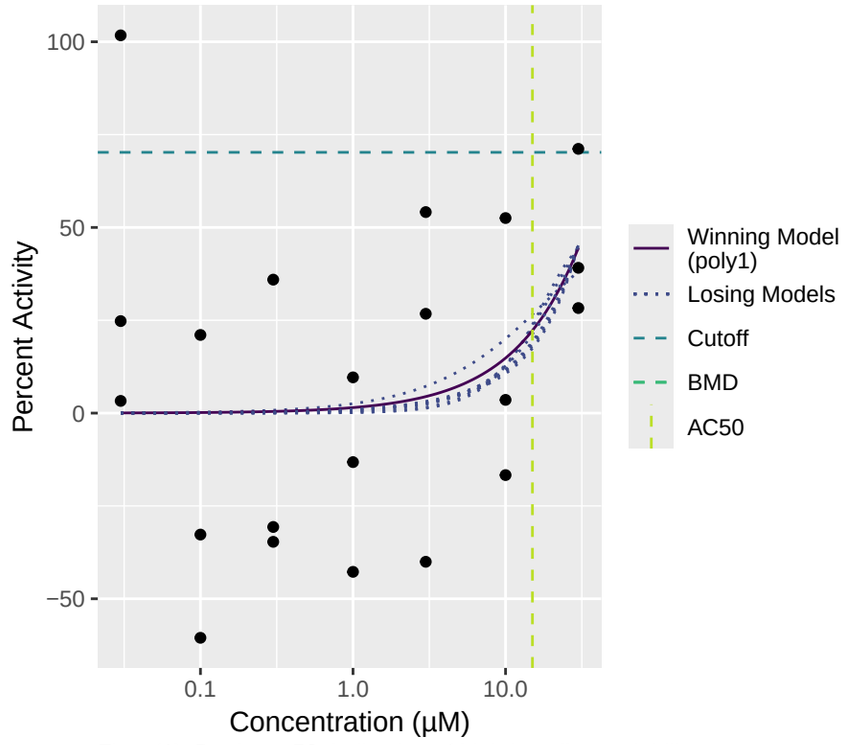
DTXSID7034961 Thiacloprid
SPID:EPAPLT0167B03 AEID:2794 AENM:CCTE_Mundy_HCI_hNP1_CellTiter
M4ID:12981967



Hitcall	BMD	AC50
2.0e−05	26.106	21.330
model	**aic**	**rme**
poly2	189.364	4.819
pow	189.408	4.827
exp2	189.520	4.834
poly1	189.807	5.095
hill	191.401	4.827
exp5	191.401	4.828
exp3	191.418	4.829
exp4	194.247	5.397
gnls	195.402	4.828
cnst	203.332	7.568

Flags(1): Bmd > ac50, indication of high baseline variability

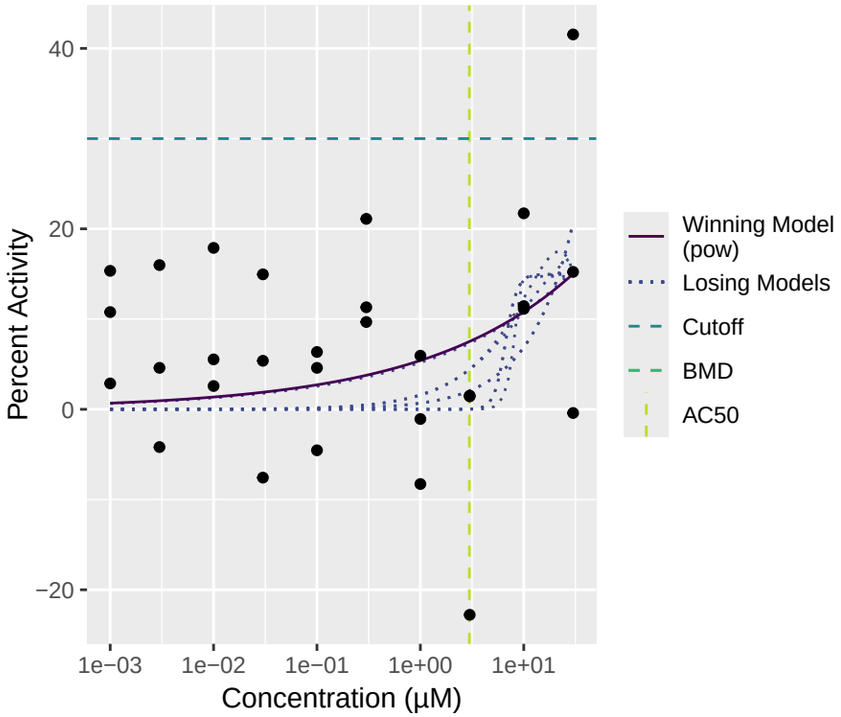
DTXSID8021272 Sodium chlorite
SPID:EPAPLT0167B07 AEID:2494 AENM:CCTE_Shafer_MEA_dev_firing_rate...
M4ID:12941030



Hitcall	BMD	AC50
0.029	35.915	15.000
model	**aic**	**rme**
poly1	217.429	38.016
pow	219.388	38.014
poly2	219.400	38.022
exp2	219.400	38.026
exp4	219.736	38.223
cnst	220.591	42.187
hill	221.390	38.007
exp3	221.399	38.032
exp5	221.423	38.036
gnls	225.414	38.023

Flags(1): Bmd > ac50, indication of high baseline variability

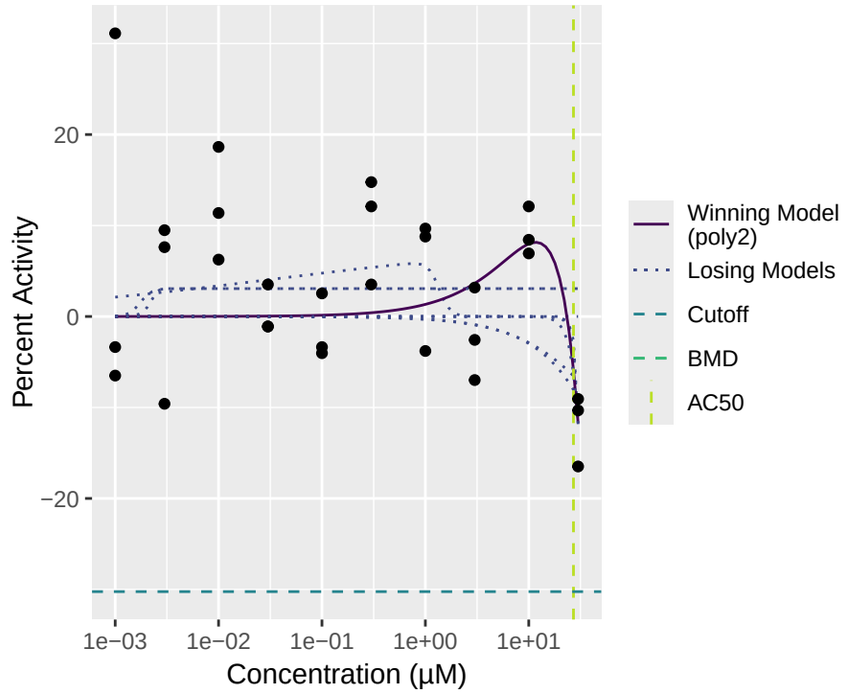
DTXSID8021272 Sodium chlorite
SPID:EPAPLT0167B07 AEID:2777 AENM:CCTE_Mundy_HCI_Cortical_NOG_BPC...
M4ID:12977091



Hitcall	BMD	AC50
4.3e−04	42.017	2.976
model	**aic**	**rme**
pow	237.169	11.397
poly1	237.634	11.473
poly2	238.152	11.455
exp4	238.466	11.446
exp5	238.808	11.135
hill	238.813	11.129
exp3	239.202	11.380
exp2	239.641	11.473
cnst	242.099	13.395
gnls	242.813	11.129

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

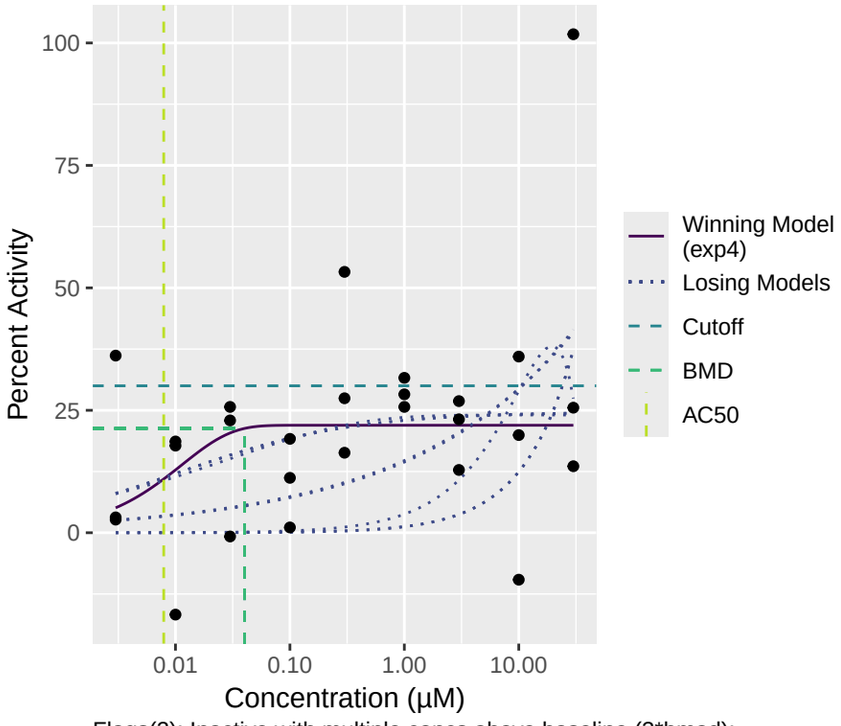
DTXSID8021272 Sodium chlorite
SPID:EPAPLT0167B07 AEID:3070 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981592



Hitcall	BMD	AC50
7.7e−09	32.137	27.068
model	**aic**	**rme**
poly2	220.859	9.188
exp2	225.080	9.578
pow	225.088	9.578
poly1	226.299	9.958
exp3	227.085	9.578
cnst	227.399	10.297
exp4	228.976	10.022
exp5	230.718	10.003
hill	230.724	10.001
gnls	233.004	9.515

Flags(3): Model directionality questionable;
Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

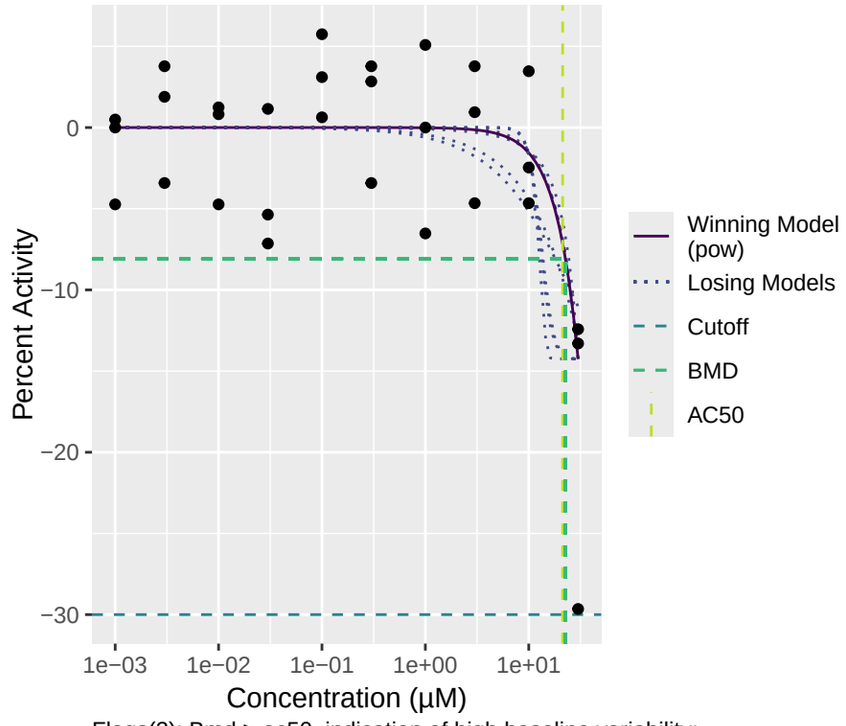
DTXSID8021272 Sodium chlorite
SPID:EPAPLT0167B07 AEID:2781 AENM:CCTE_Mundy_HCI_Cortical_Synap_N...
M4ID:12979128



Hitcall	BMD	AC50
0.004	0.040	0.008
model	**aic**	**rme**
exp4	237.455	20.991
exp5	238.066	20.418
hill	238.298	20.442
gnls	242.298	20.442
pow	246.422	21.214
exp3	248.934	21.270
poly2	256.182	25.212
poly1	256.338	25.031
exp2	258.345	25.030
cnst	260.689	30.225

Flags(2): Inactive with multiple concs above baseline (3*bmad);
Bmd > ac50, indication of high baseline variability

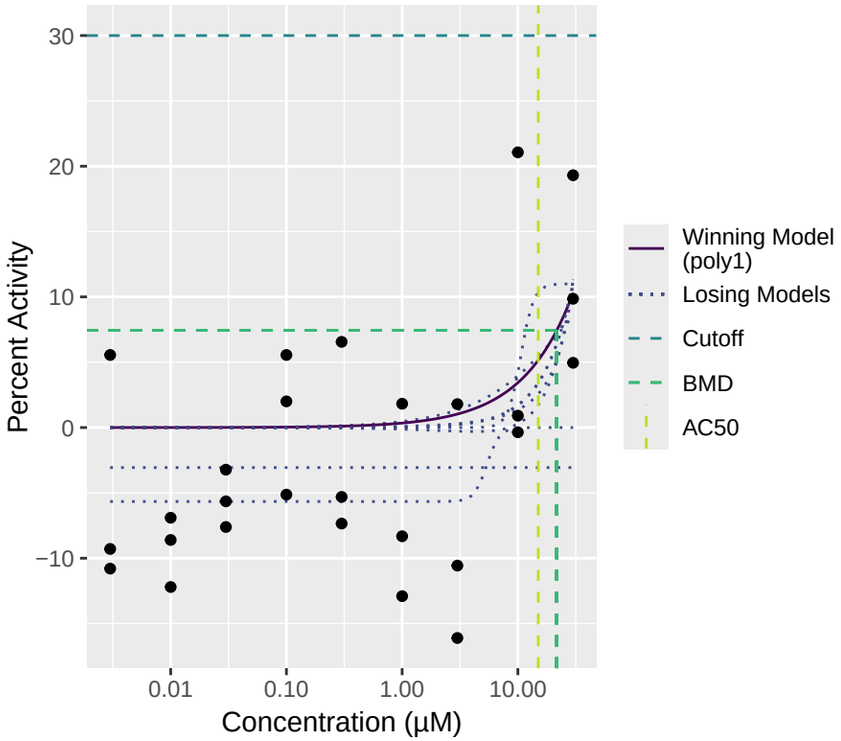
DTXSID4034609 Fipronil
SPID:EPAPLT0167B08 AEID:2778 AENM:CCTE_Mundy_HCI_Cortical_NOG_Neu...
M4ID:12976819



Hitcall	BMD	AC50
4.9e−06	22.652	21.271
model	**aic**	**rme**
poly2	180.124	4.533
pow	180.131	4.537
exp2	180.191	4.536
poly1	180.265	4.776
hill	182.109	4.538
exp5	182.109	4.538
exp3	182.136	4.536
exp4	185.070	5.124
gnls	186.109	4.538
cnst	194.943	7.281

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

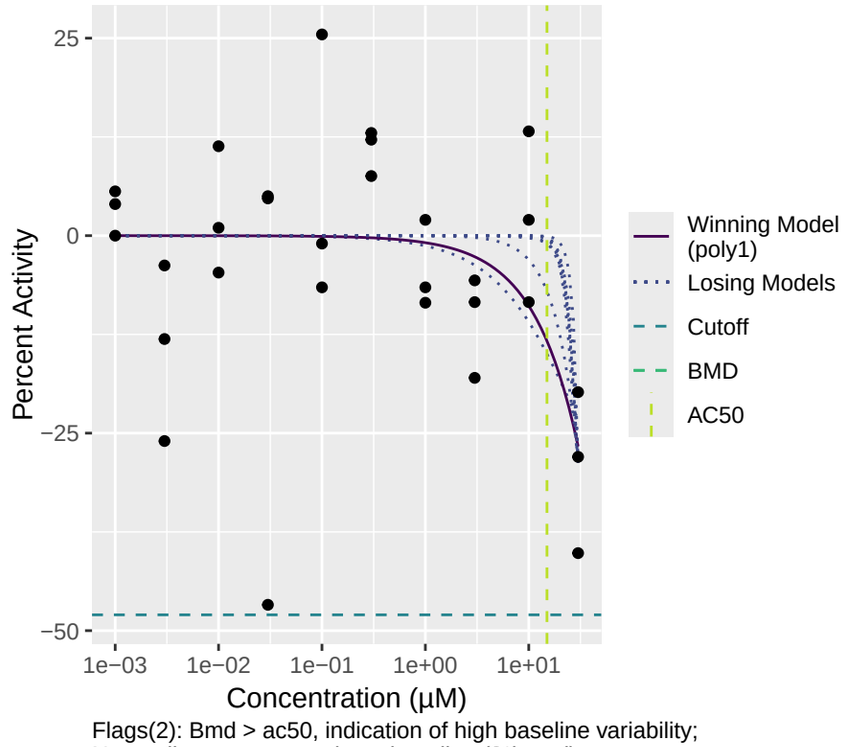
DTXSID4034609 Fipronil
SPID:EPAPLT0167B08 AEID:2783 AENM:CCTE_Mundy_HCI_Cortical_Synap_N...
M4ID:12978860



Hitcall	BMD	AC50
3.5e−06	21.696	15.000
model	**aic**	**rme**
poly1	198.760	8.423
poly2	200.241	8.441
pow	200.260	8.394
exp2	200.422	8.436
exp4	201.269	8.495
cnst	201.507	9.316
hill	201.874	8.226
gnls	201.998	8.190
exp3	202.264	8.395
exp5	204.646	9.198

Flags(1): Bmd > ac50, indication of high baseline variability

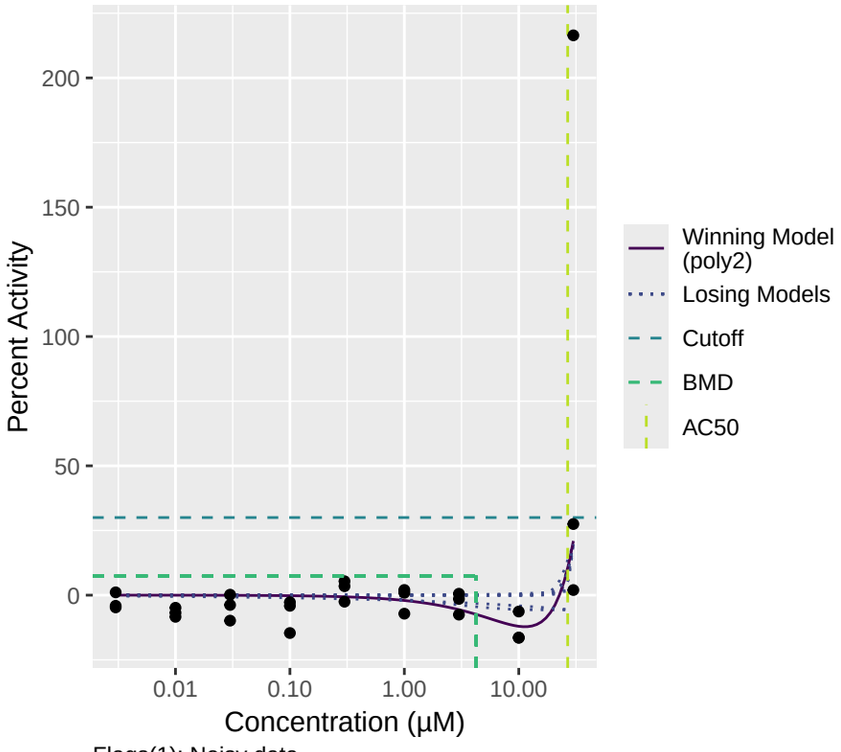
DTXSID5023039 Famotidine
SPID:EPAPLT0167C01 AEID:3067 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_B...
M4ID:12980820



Hitcall	BMD	AC50
3.9e−05	34.334	15.000
model	**aic**	**rme**
poly1	241.200	13.650
exp2	241.805	13.373
pow	241.808	13.372
poly2	242.205	13.439
exp3	243.793	13.370
hill	243.794	13.370
exp5	243.794	13.370
exp4	244.484	13.880
gnls	247.794	13.370
cnst	251.684	16.272

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

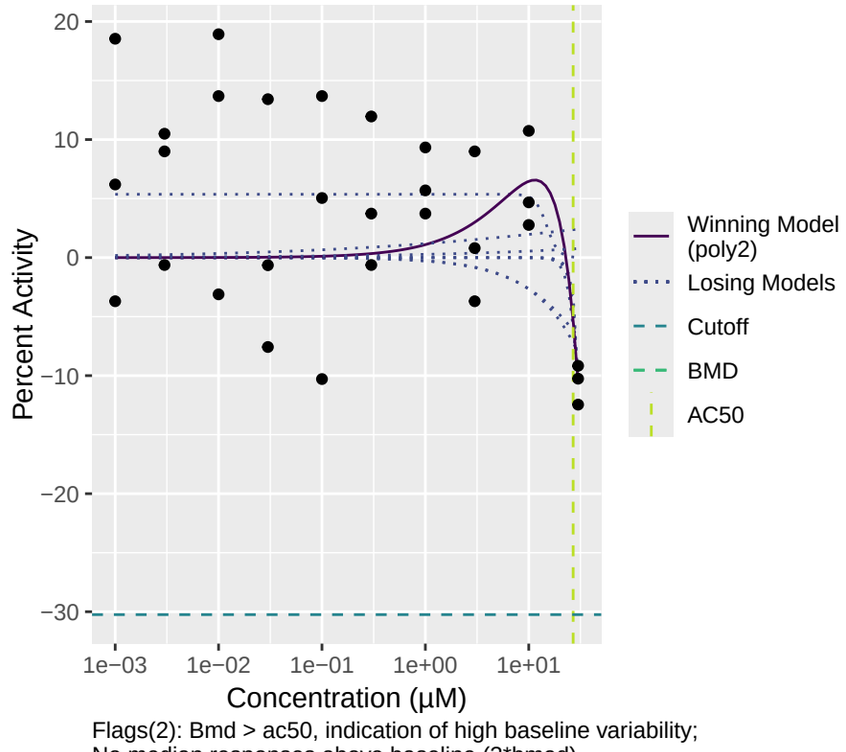
DTXSID9032610 Etofenprox
SPID:EPAPLT0167B09 AEID:2783 AENM:CCTE_Mundy_HCI_Cortical_Synap_N...
M4ID:12978861



Hitcall	BMD	AC50
0.008	4.251	26.772
model	**aic**	**rme**
poly2	212.465	38.191
cnst	219.588	42.552
exp2	220.764	38.704
exp4	221.327	43.638
pow	221.460	43.651
poly1	221.525	42.209
exp3	222.762	38.677
hill	222.764	38.681
exp5	222.765	38.684
gnls	226.770	38.698

Flags(1): Noisy data

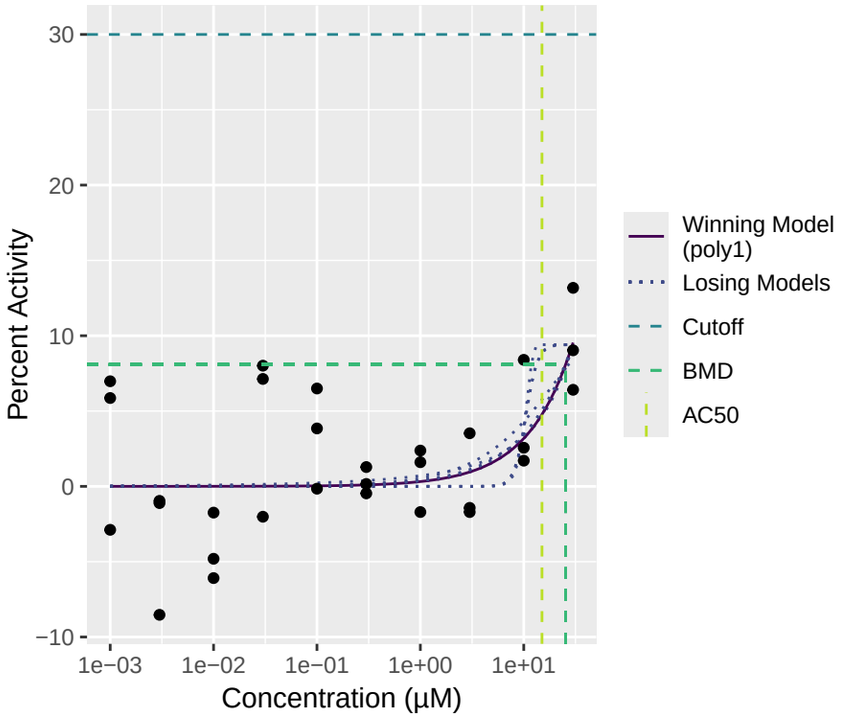
DTXSID5023039 Famotidine
SPID:EPAPLT0167C01 AEID:3070 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981597



Hitcall	BMD	AC50
9.6e−09	32.980	26.868
model	**aic**	**rme**
poly2	219.361	8.297
exp2	222.591	8.632
poly1	223.366	8.944
cnst	224.304	9.263
gnls	224.354	7.829
exp3	224.586	8.632
exp5	224.587	8.632
exp4	225.863	8.991
pow	228.272	9.264
hill	229.875	9.235

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

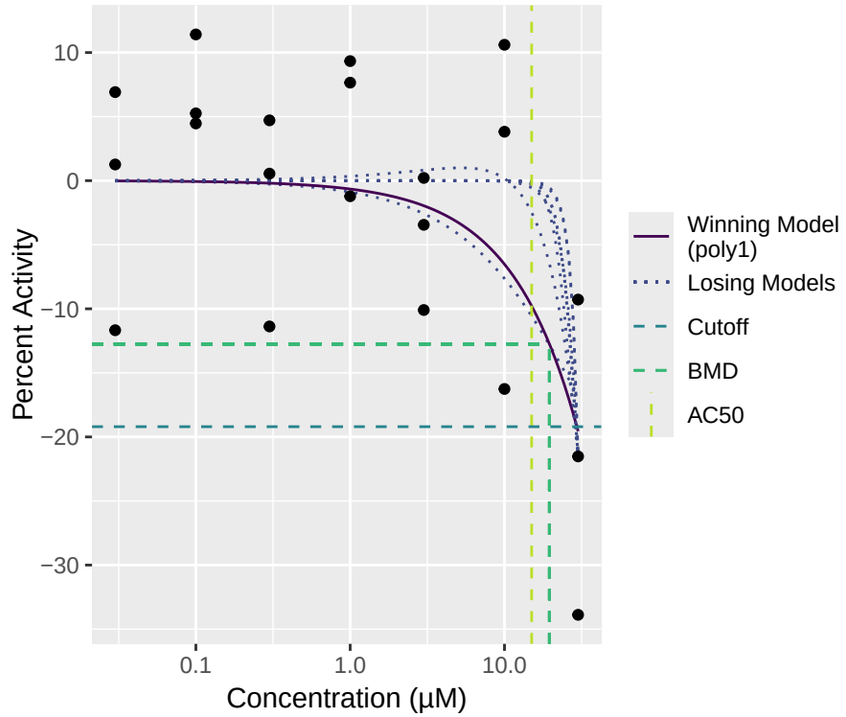
DTXSID4022602 Ampicillin
SPID:EPAPLT0167C02 AEID:2778 AENM:CCTE_Mundy_HCI_Cortical_NOG_Neu...
M4ID:12976824



Hitcall	BMD	AC50
7.7e−13	25.430	15.000
model	**aic**	**rme**
poly1	174.804	4.037
poly2	176.780	4.033
pow	176.783	4.033
exp2	176.806	4.037
exp4	177.205	4.049
hill	178.639	4.027
exp5	178.639	4.027
exp3	178.710	4.023
gnls	182.639	4.027
cnst	187.577	5.204

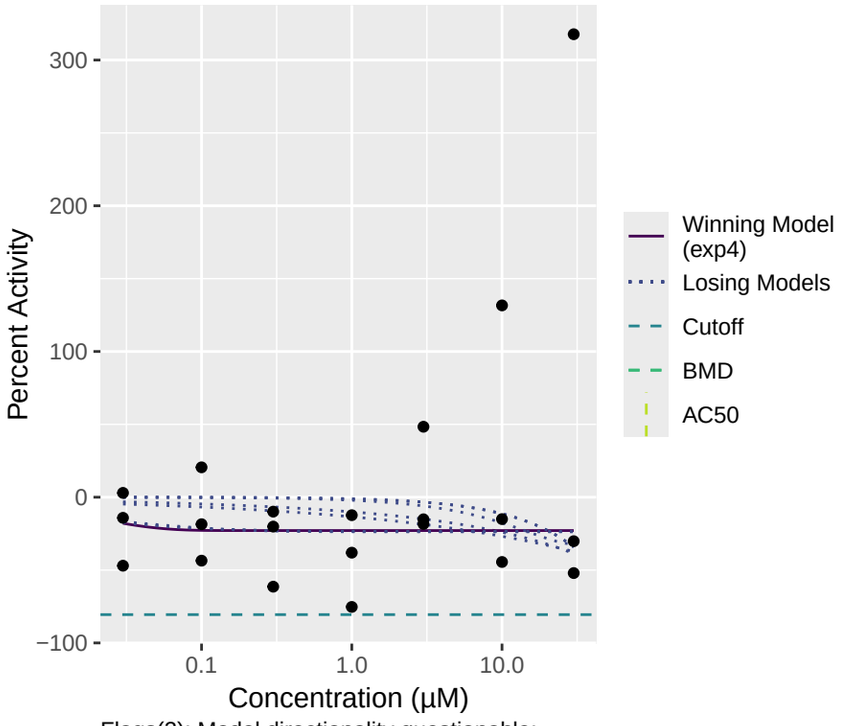
Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

DTXSID0022018 Disulfoton
SPID:EPAPLT0167C04 AEID:2530 AENM:CCTE_Shafer_MEA_dev_AB
M4ID:12951595



Hitcall	BMD	AC50
0.340	19.558	15.000
model	**aic**	**rme**
poly1	156.964	8.639
exp2	157.543	8.367
pow	157.549	8.366
poly2	157.724	8.407
exp3	159.539	8.367
hill	159.540	8.367
exp5	159.540	8.367
exp4	159.838	8.910
gnls	163.541	8.367
cnst	163.826	11.680

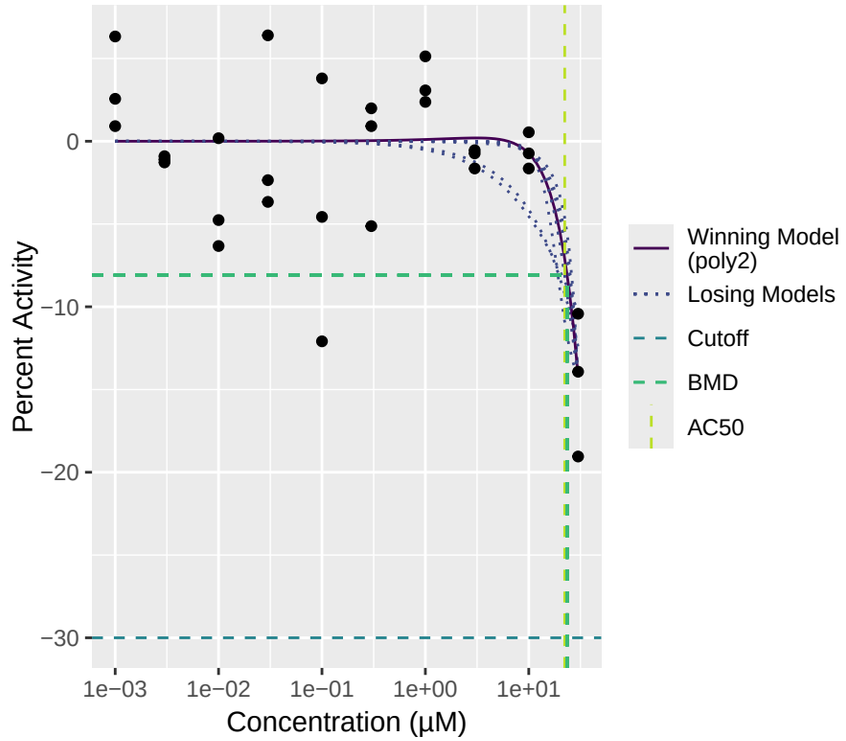
DTXSID7021102 Penicillin VK
SPID:EPAPLT0167C03 AEID:2506 AENM:CCTE_Shafer_MEA_dev_burst_durat...
M4ID:12944556



Hitcall	BMD	AC50
4.2e−12	NA	0.014
model	**aic**	**rme**
exp4	233.595	85.869
cnst	235.166	82.699
pow	235.502	89.385
exp5	235.546	86.069
hill	235.566	86.019
poly1	235.722	88.642
poly2	237.653	88.652
exp2	237.724	88.651
exp3	238.049	89.628
gnls	239.566	86.019

Flags(2): Model directionality questionable;
Noisy data

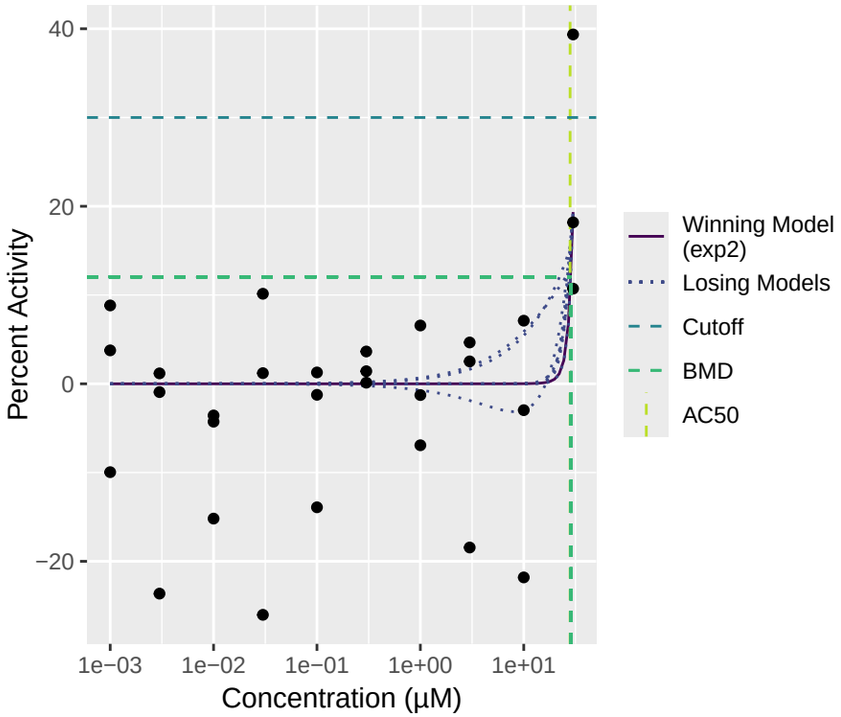
DTXSID0022018 Disulfoton
SPID:EPAPLT0167C04 AEID:2778 AENM:CCTE_Mundy_HCI_Cortical_NOG_Neu...
M4ID:12976826



Hitcall	BMD	AC50
1.5e−09	23.534	22.268
model	**aic**	**rme**
poly2	173.262	3.963
exp2	173.273	3.964
pow	173.276	3.964
exp3	175.270	3.964
exp5	175.283	3.964
hill	175.284	3.964
poly1	175.991	4.188
gnls	179.288	3.965
exp4	181.038	4.392
cnst	190.311	6.055

Flags(1): Bmd > ac50, indication of high baseline variability

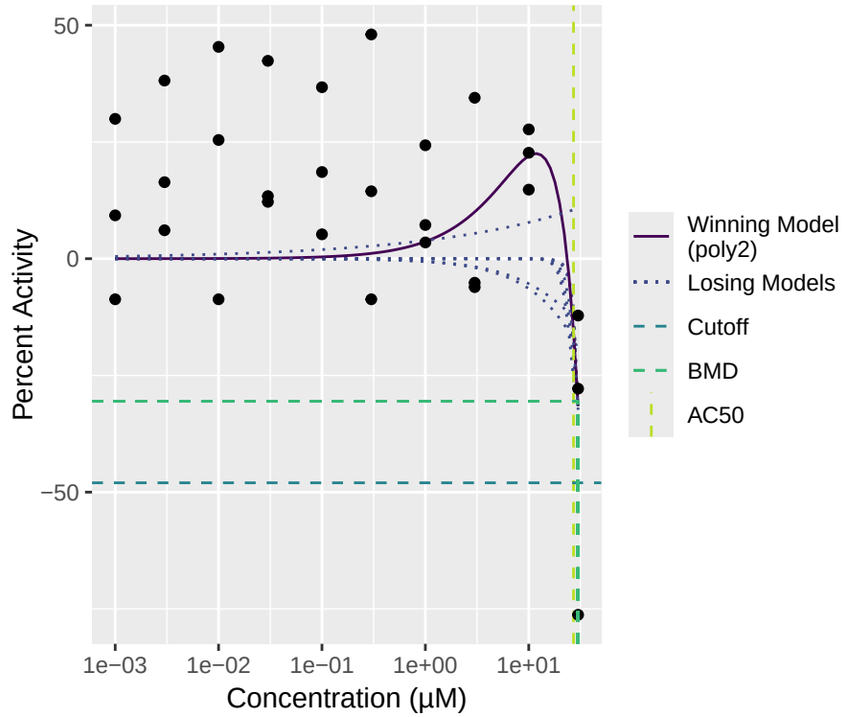
DTXSID6021292 Sulfisoxazole
SPID:EPAPLT0167C06 AEID:2779 AENM:CCTE_Mundy_HCI_Cortical_NOG_Neu...
M4ID:12976525



Hitcall	BMD	AC50
0.013	28.672	28.055
model	**aic**	**rme**
poly2	232.310	10.596
exp2	232.600	10.772
pow	232.604	10.774
poly1	232.793	11.401
exp3	234.597	10.771
hill	234.598	10.771
exp5	234.598	10.771
exp4	235.845	11.669
cnst	237.693	12.908
gnls	238.598	10.771

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

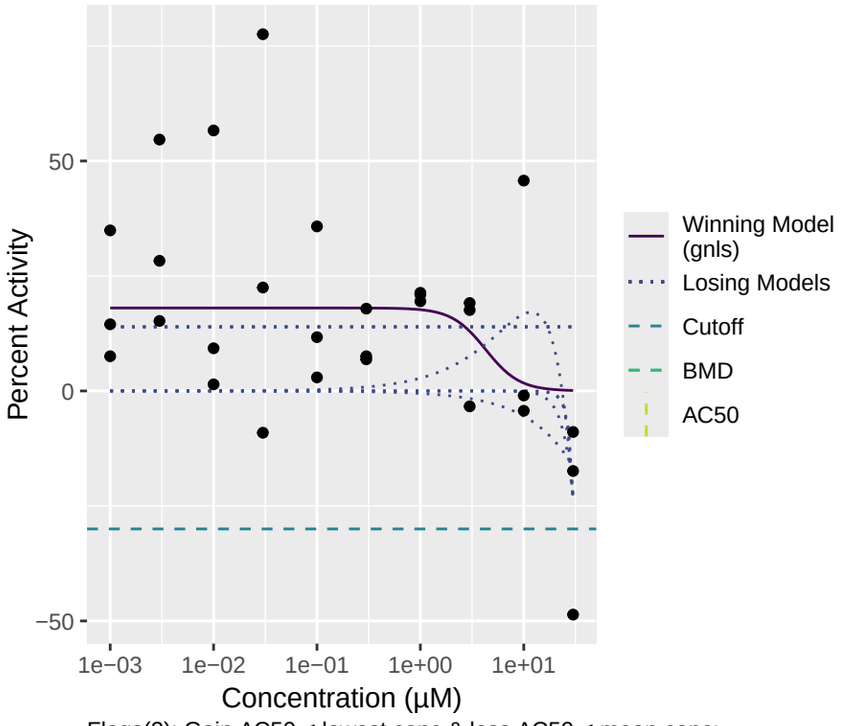
DTXSID6021292 Sulfisoxazole
SPID:EPAPLT0167C06 AEID:3067 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_B...
M4ID:12980825



Hitcall	BMD	AC50
0.016	29.850	27.119
model	**aic**	**rme**
poly2	280.901	22.987
exp2	285.470	24.355
cnst	286.091	27.189
poly1	286.438	25.788
exp3	287.467	24.353
hill	287.468	24.354
exp5	287.471	24.359
exp4	288.888	26.145
pow	289.274	27.637
gnls	291.470	24.356

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

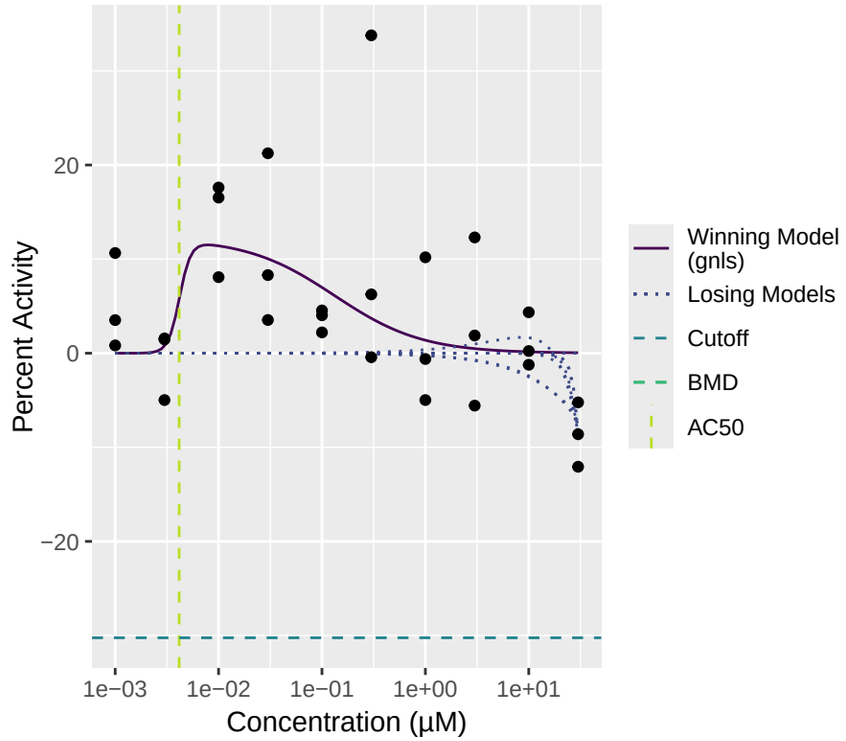
DTXSID6021292 Sulfisoxazole
SPID:EPAPLT0167C06 AEID:2780 AENM:CCTE_Mundy_HCI_Cortical_NOG_Neu...
M4ID:12976222



Hitcall	BMD	AC50
−7.9e−04	NA	1.8e−04
model	**aic**	**rme**
gnls	278.374	21.534
exp4	279.427	23.916
hill	281.262	23.921
exp5	281.262	23.921
poly2	286.162	26.413
cnst	287.083	28.325
poly1	287.462	27.782
exp2	288.069	27.209
pow	288.082	27.216
exp3	290.067	27.207

Flags(2): Gain AC50 < lowest conc & loss AC50 < mean conc;
No median responses above baseline (3*bmad)

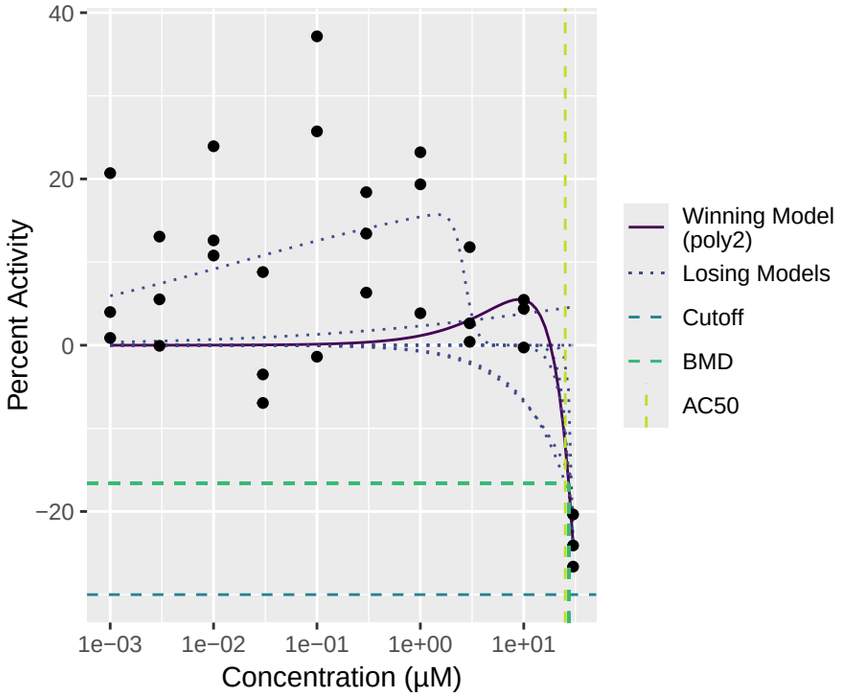
DTXSID6021292 Sulfisoxazole
SPID:EPAPLT0167C06 AEID:3070 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981602



Hitcall	BMD	AC50
−2.3e−10	NA	0.004
model	**aic**	**rme**
gnls	216.741	8.047
poly1	221.347	9.968
poly2	221.725	9.811
exp2	222.084	9.863
pow	222.093	9.864
cnst	222.712	10.234
exp4	223.581	9.987
exp3	224.081	9.863
exp5	224.081	9.863
hill	228.712	10.234

Flags(1): No median responses above baseline (3*bmad)

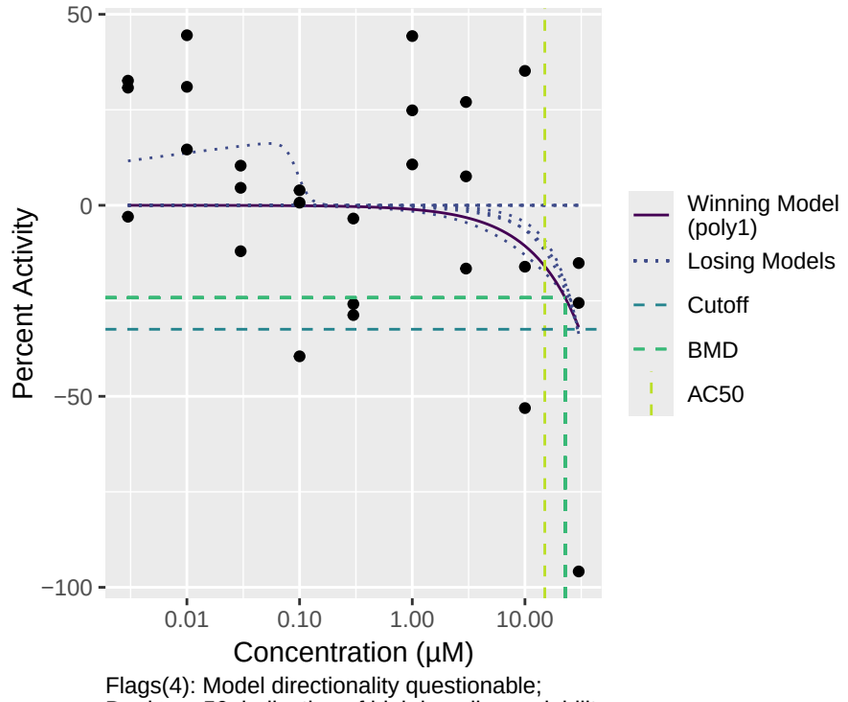
DTXSID4020321 Chlorpheniramine maleate
SPID:EPAPLT0167C07 AEID:2777 AENM:CCTE_Mundy_HCI_Cortical_NOG_BPC...
M4ID:12977102



Hitcall	BMD	AC50
0.042	27.214	25.195
model	**aic**	**rme**
poly2	244.189	13.110
exp2	245.936	13.391
pow	245.976	13.395
gnls	246.173	11.809
exp5	247.938	13.391
poly1	247.969	13.952
exp4	251.268	14.138
cnst	252.706	15.345
hill	258.079	15.404
exp3	258.706	15.345

Flags(3): Model directionality questionable;
Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

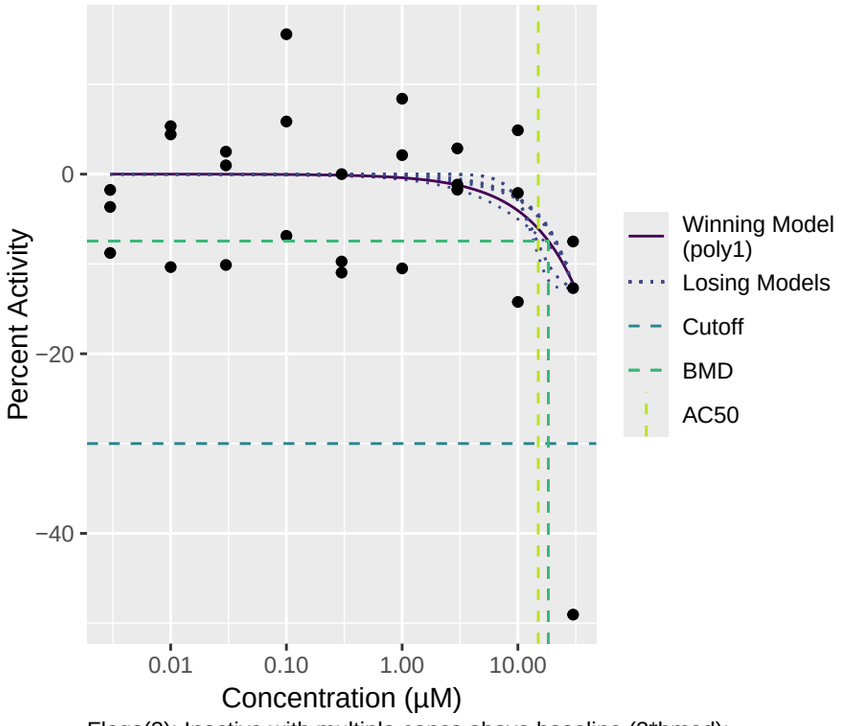
DTXSID4020321 Chlorpheniramine maleate
SPID:EPAPLT0167C07 AEID:2786 AENM:CCTE_Mundy_HCI_Cortical_Synap_N...
M4ID:12977973



Hitcall	BMD	AC50
0.292	22.762	15.000
model	**aic**	**rme**
poly1	262.482	27.832
pow	264.306	27.653
poly2	264.356	27.680
exp2	264.395	27.709
cnst	264.495	31.433
exp4	264.770	28.245
exp3	270.495	31.433
hill	270.496	31.433
exp5	270.496	31.433
gnls	271.945	30.447

Flags(4): Model directionality questionable;
Bmd > ac50, indication of high baseline variability;
Borderline;
No median responses above baseline (3*bmad)

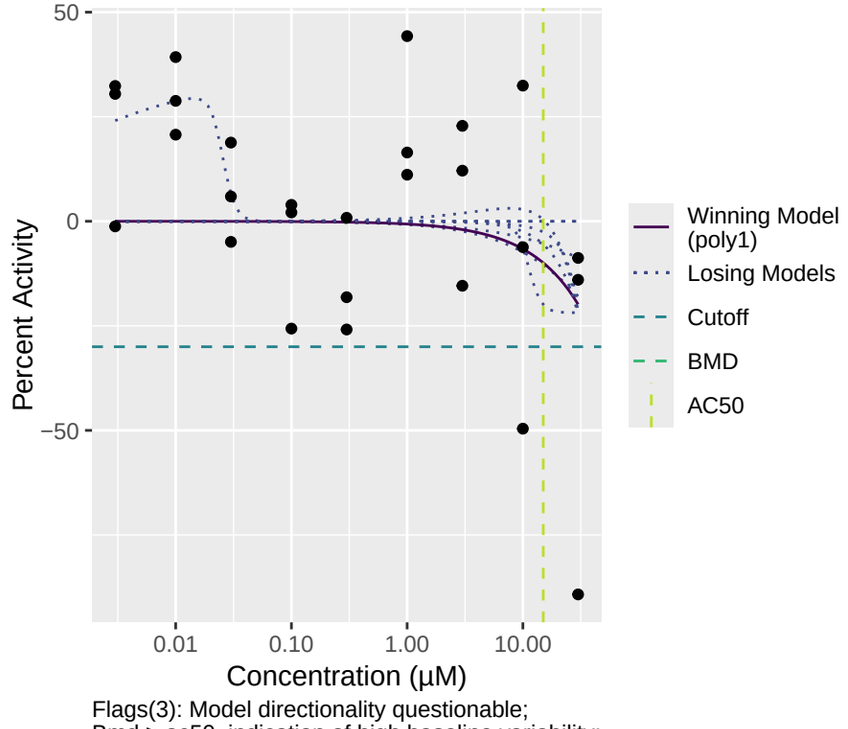
DTXSID4020321 Chlorpheniramine maleate
SPID:EPAPLT0167C07 AEID:2783 AENM:CCTE_Mundy_HCI_Cortical_Synap_N...
M4ID:12978870



Hitcall	BMD	AC50
2.1e−04	18.359	15.000
model	**aic**	**rme**
poly1	199.070	9.936
poly2	200.952	9.875
pow	200.954	9.878
exp2	200.955	9.877
exp4	201.450	10.148
exp3	202.919	9.869
hill	202.940	9.878
exp5	202.940	9.878
cnst	203.460	12.093
gnls	206.940	9.878

Flags(2): Inactive with multiple concs above baseline (3*bmad);
Bmd > ac50, indication of high baseline variability

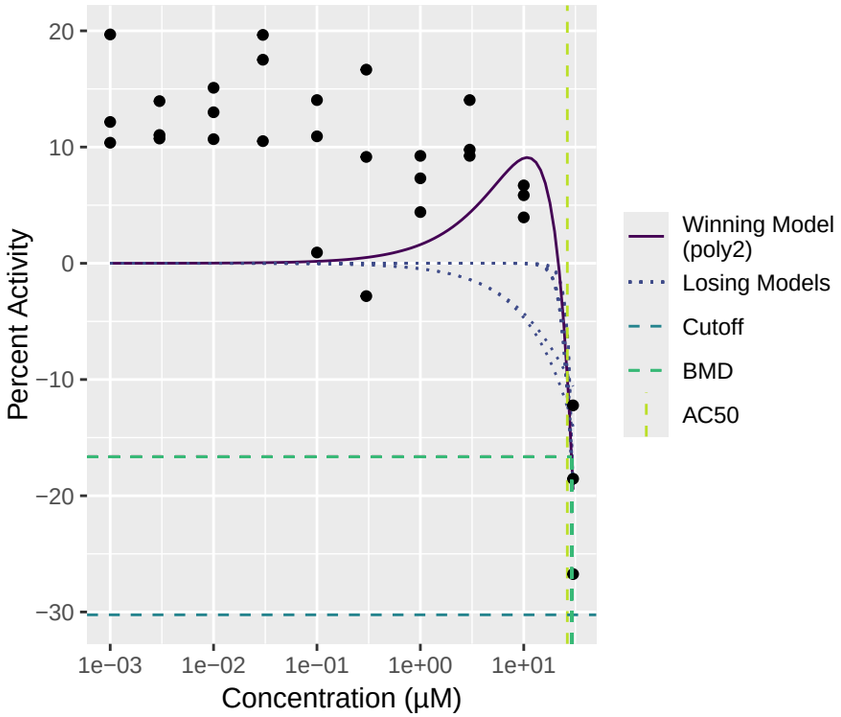
DTXSID4020321 Chlorpheniramine maleate
SPID:EPAPLT0167C07 AEID:2788 AENM:CCTE_Mundy_HCI_Cortical_Synap_N...
M4ID:12979408



Hitcall	BMD	AC50
0.089	34.141	15.000
model	**aic**	**rme**
poly1	258.282	26.272
cnst	258.292	28.486
gnls	258.805	25.767
poly2	259.909	26.109
pow	260.017	26.066
exp2	260.057	26.128
exp4	260.406	26.448
hill	261.950	26.015
exp5	263.016	27.335
exp3	264.293	28.486

Flags(3): Model directionality questionable;
Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

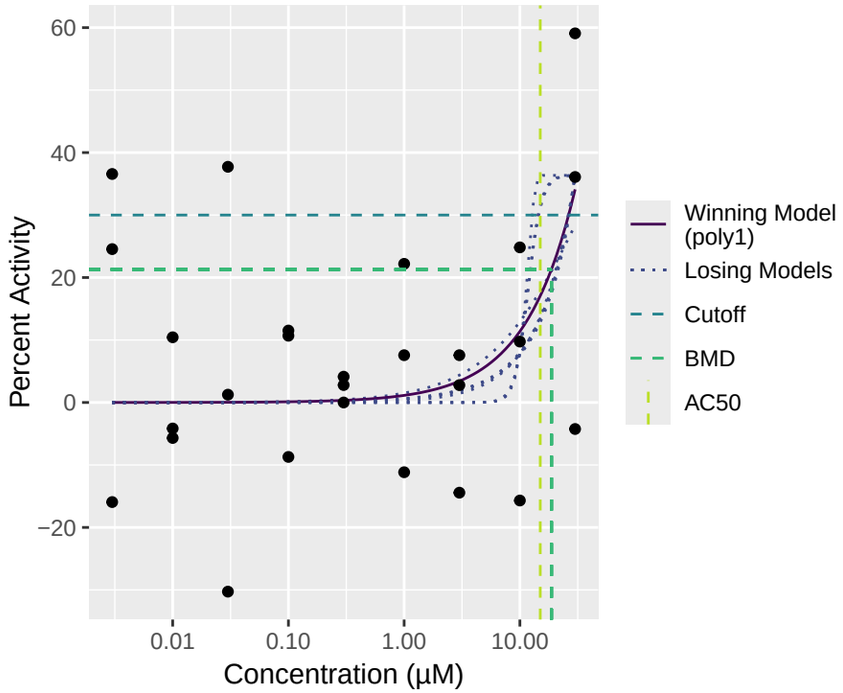
DTXSID4020321 Chlorpheniramine maleate
SPID:EPAPLT0167C07 AEID:3070 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981603



Hitcall	BMD	AC50
0.004	29.026	26.394
model	**aic**	**rme**
poly2	237.742	10.696
pow	241.604	11.275
exp2	241.605	11.275
poly1	243.326	11.890
exp3	243.595	11.273
hill	243.598	11.274
exp5	243.598	11.274
cnst	244.962	12.800
exp4	246.208	12.057
gnls	247.597	11.274

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

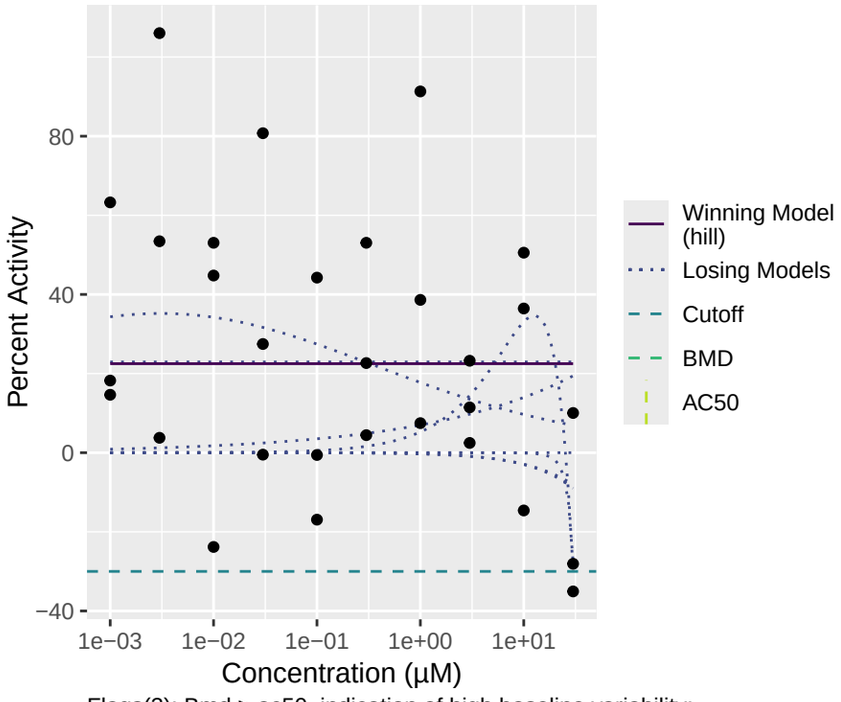
DTXSID2034465 Clothianidin
SPID:EPAPLT0167C09 AEID:2781 AENM:CCTE_Mundy_HCI_Cortical_Synap_N...
M4ID:12979141



Hitcall	BMD	AC50
0.465	18.729	15.000
model	**aic**	**rme**
poly1	238.463	18.278
poly2	240.280	18.257
exp2	240.280	18.258
pow	240.301	18.262
exp4	240.960	18.318
cnst	241.735	20.869
hill	242.289	18.259
exp5	242.289	18.259
exp3	242.290	18.262
gnls	246.289	18.259

Flags(3): Inactive with multiple concs above baseline (3*bmad);
Bmd > ac50, indication of high baseline variability;
Borderline

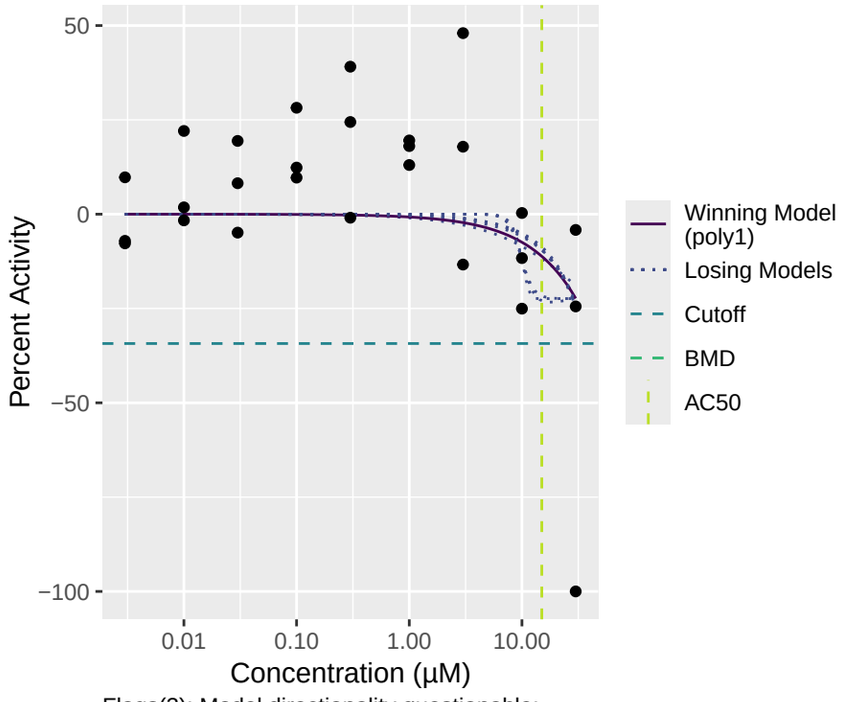
DTXSID5026259 Tris(2−chloroisopropyl)phosphate
SPID:EPAPLT0167C08 AEID:2780 AENM:CCTE_Mundy_HCI_Cortical_NOG_Neu...
M4ID:12976224



Hitcall	BMD	AC50
−1.1e−01	1.3e−04	1.0e−04
model	**aic**	**rme**
hill	307.352	34.401
gnls	308.122	32.429
exp5	308.805	34.375
cnst	312.681	42.308
poly2	312.817	40.481
poly1	314.497	42.272
pow	315.264	41.256
exp2	315.811	41.943
exp4	316.531	42.285
exp3	318.681	42.308

Flags(3): Bmd > ac50, indication of high baseline variability;
Noisy data;
No median responses above baseline (3*bmad)

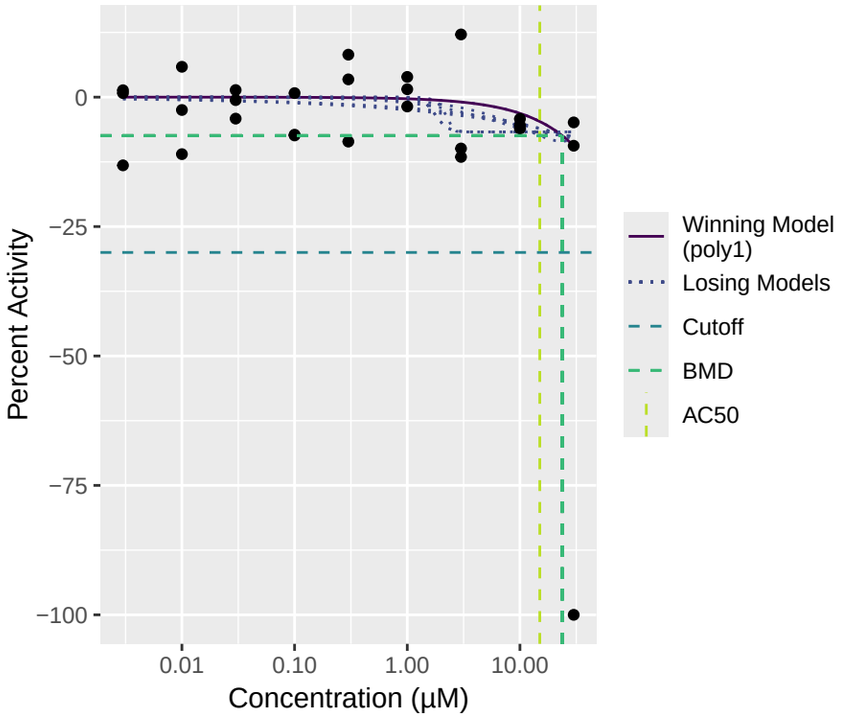
DTXSID9020247 Carbaryl
SPID:EPAPLT0167D01 AEID:2782 AENM:CCTE_Mundy_HCI_Cortical_Synap_N...
M4ID:12977679



Hitcall	BMD	AC50
0.061	30.394	15.000
model	**aic**	**rme**
poly1	247.753	23.674
cnst	249.276	26.800
pow	249.533	23.385
poly2	249.682	23.461
exp2	249.707	23.535
exp4	249.981	24.100
hill	250.788	23.330
exp5	250.788	23.331
exp3	251.537	23.391
gnls	254.788	23.330

Flags(3): Model directionality questionable;
Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

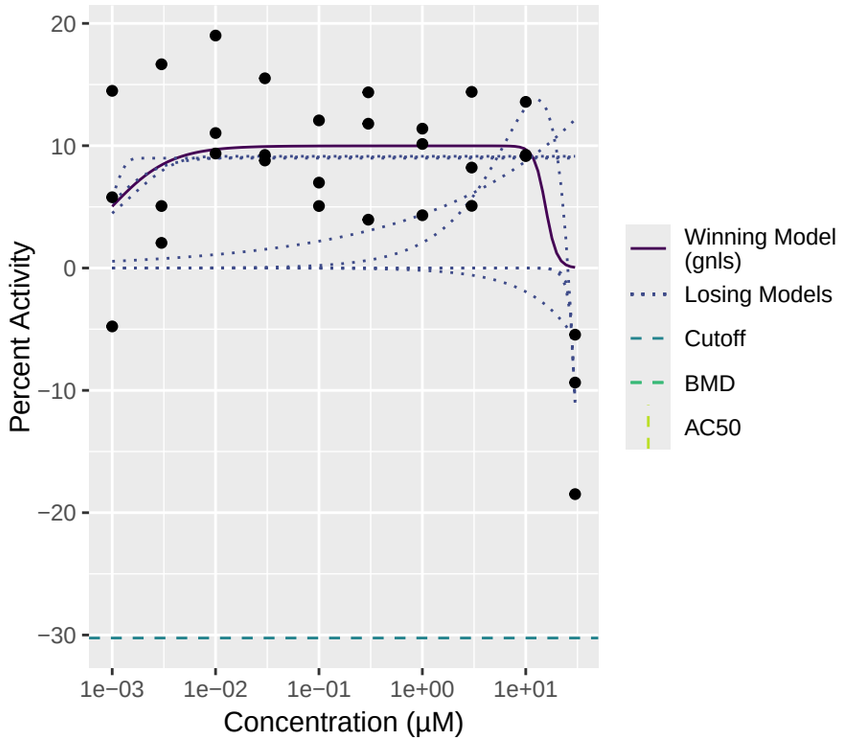
DTXSID9020247 Carbaryl
SPID:EPAPLT0167D01 AEID:2783 AENM:CCTE_Mundy_HCI_Cortical_Synap_N...
M4ID:12978875



Hitcall	BMD	AC50
6.2e−06	23.739	15.000
model	**aic**	**rme**
poly1	201.554	18.506
pow	202.435	18.788
exp4	202.558	18.826
poly2	202.667	18.758
exp5	203.191	19.001
hill	203.229	18.999
exp2	203.558	18.507
exp3	204.396	18.688
cnst	205.002	20.379
gnls	207.229	18.999

Flags(2): Inactive with multiple concs above baseline (3*bmad);
Bmd > ac50, indication of high baseline variability

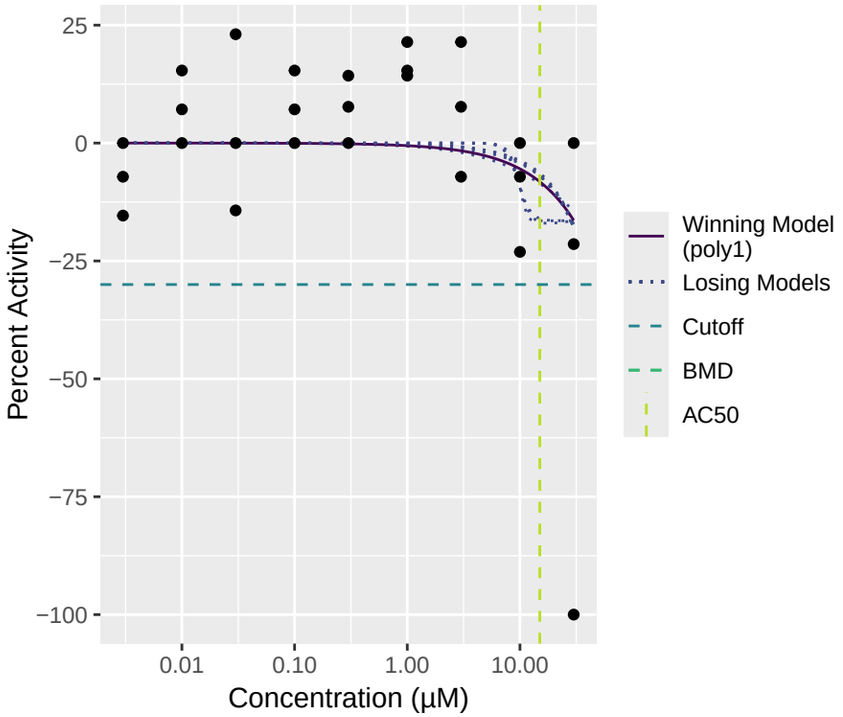
DTXSID9020247 Carbaryl
SPID:EPAPLT0167D01 AEID:3070 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981608



Hitcall	BMD	AC50
0.000	NA	0.001
model	**aic**	**rme**
gnls	203.930	6.006
exp4	210.245	8.065
hill	212.318	8.059
exp5	212.435	8.046
poly2	226.412	9.010
pow	234.379	10.867
cnst	234.947	10.791
exp2	235.444	10.206
poly1	236.059	10.633
exp3	237.442	10.205

Flags(1): No median responses above baseline (3*bmad)

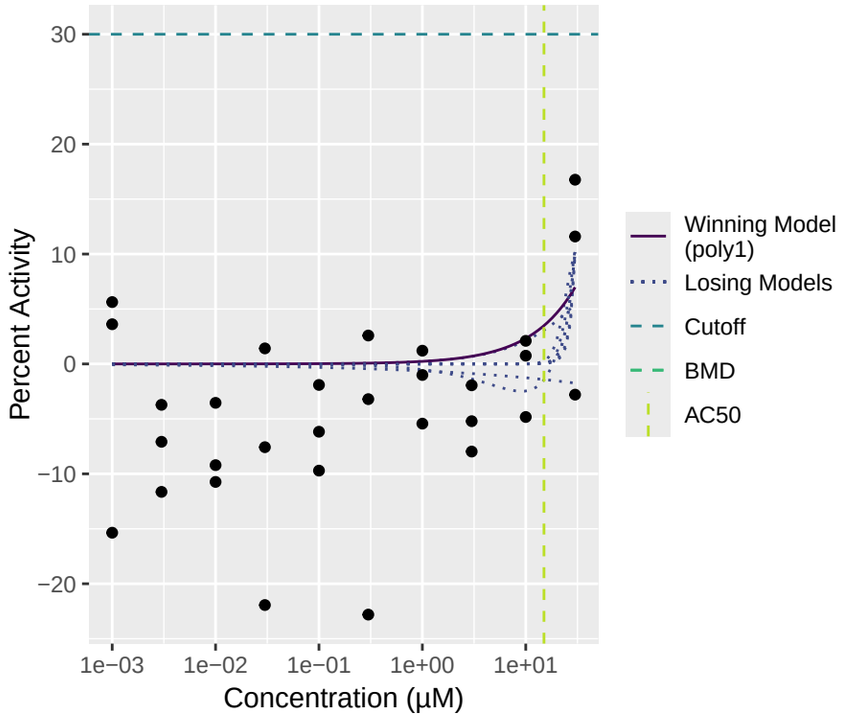
DTXSID9020247 Carbaryl
SPID:EPAPLT0167D01 AEID:2785 AENM:CCTE_Mundy_HCI_Cortical_Synap_N...
M4ID:12978277



Hitcall	BMD	AC50
0.023	33.918	15.000
model	**aic**	**rme**
poly1	232.572	20.282
cnst	233.462	23.074
pow	234.350	20.042
poly2	234.499	20.115
exp2	234.526	20.168
exp4	234.729	20.586
hill	235.558	20.079
exp5	235.558	20.078
exp3	236.377	20.053
gnls	239.558	20.078

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

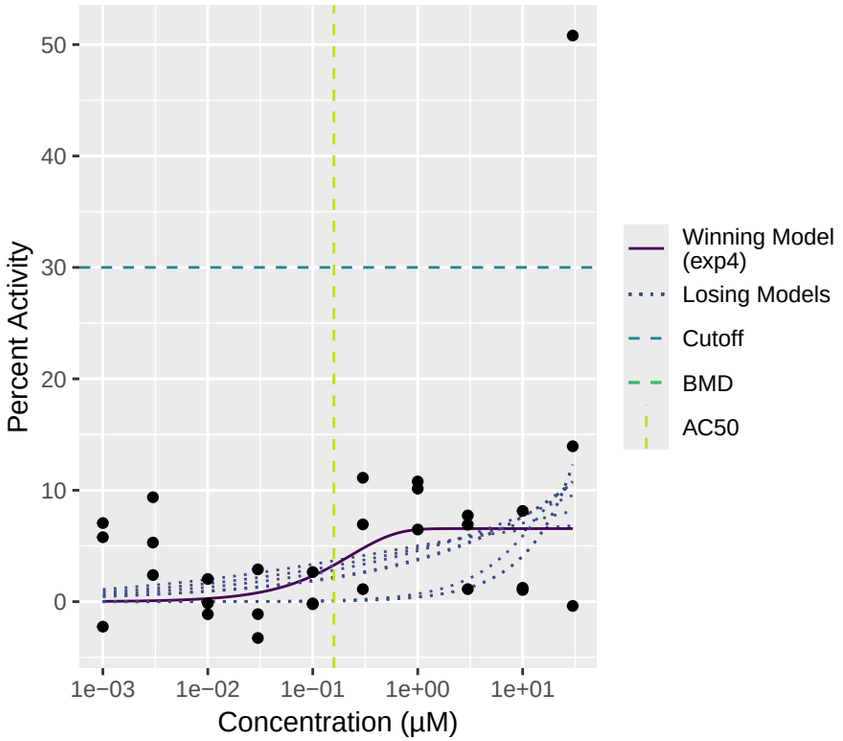
DTXSID1024170 1,1−Dimethylpiperidinium chloride
SPID:EPAPLT0167D03 AEID:2779 AENM:CCTE_Mundy_HCI_Cortical_NOG_Neu...
M4ID:12976533



Hitcall	BMD	AC50
7.4e−08	51.841	15.000
model	**aic**	**rme**
cnst	219.377	9.100
poly2	219.412	8.633
poly1	219.732	8.811
exp2	220.233	8.708
exp4	222.031	8.843
hill	222.230	8.708
exp3	222.230	8.708
exp5	222.230	8.708
pow	223.124	9.123
gnls	226.231	8.708

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

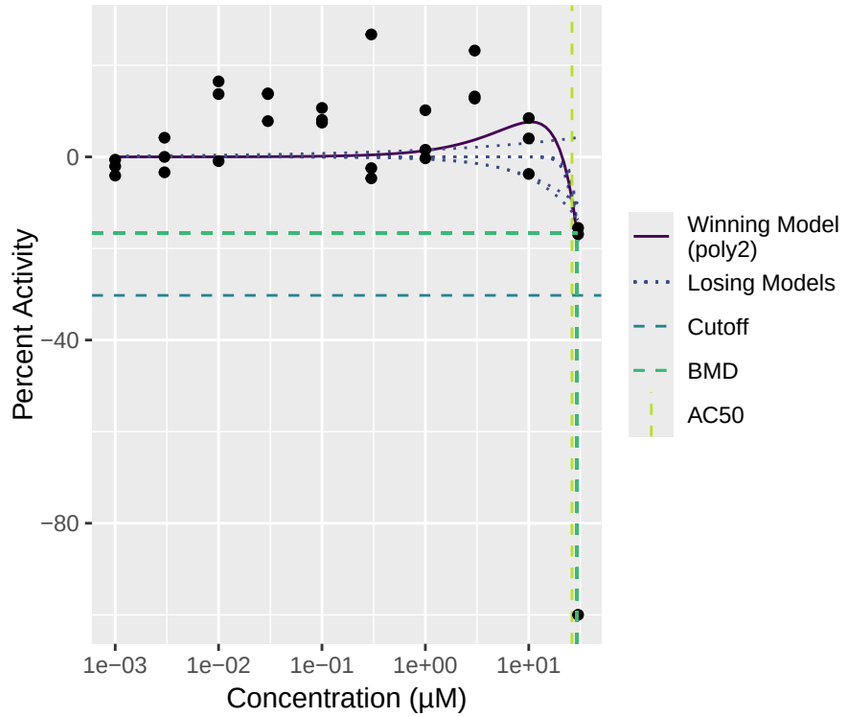
DTXSID1024170 1,1−Dimethylpiperidinium chloride
SPID:EPAPLT0167D03 AEID:2793 AENM:CCTE_Mundy_HCI_hNP1_Casp3_7
M4ID:12975599



Hitcall	BMD	AC50
0.000	NA	0.159
model	**aic**	**rme**
exp4	197.950	9.115
pow	201.649	8.700
hill	201.925	8.931
exp5	202.641	8.781
exp3	203.835	8.687
gnls	205.566	9.102
poly1	207.291	8.956
poly2	208.806	9.139
exp2	209.295	8.955
cnst	211.128	11.002

Flags(1): No median responses above baseline (3*bmad)

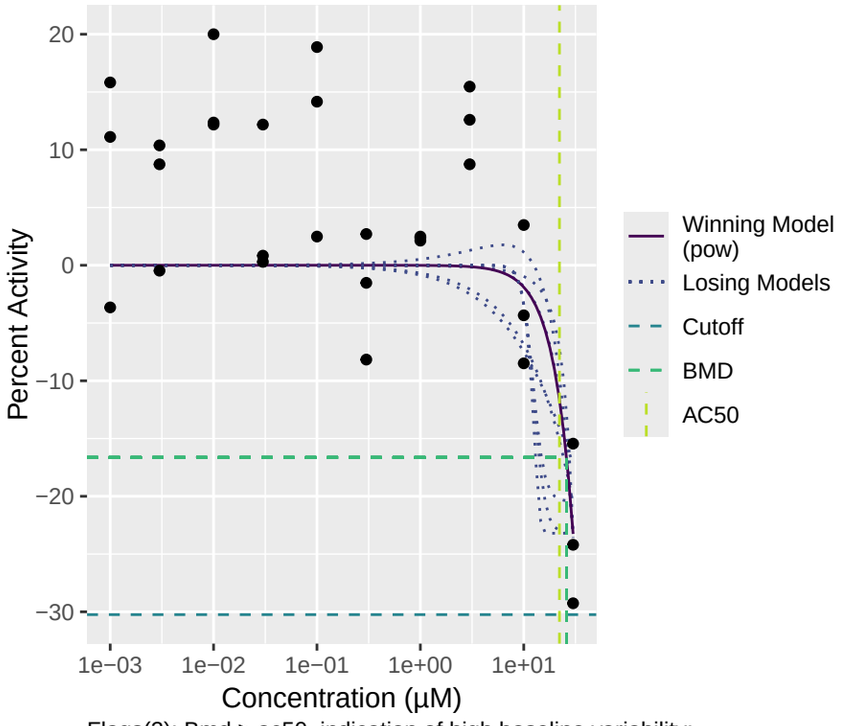
DTXSID6034928 Spirodiclofen
SPID:EPAPLT0167D04 AEID:3070 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981611



Hitcall	BMD	AC50
0.003	29.324	26.187
model	**aic**	**rme**
poly2	242.238	17.647
exp2	245.227	18.016
poly1	246.615	18.950
exp3	247.217	18.006
hill	247.218	18.006
exp5	247.218	18.007
cnst	248.353	21.245
exp4	249.584	19.527
gnls	251.218	18.007
pow	251.920	21.855

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

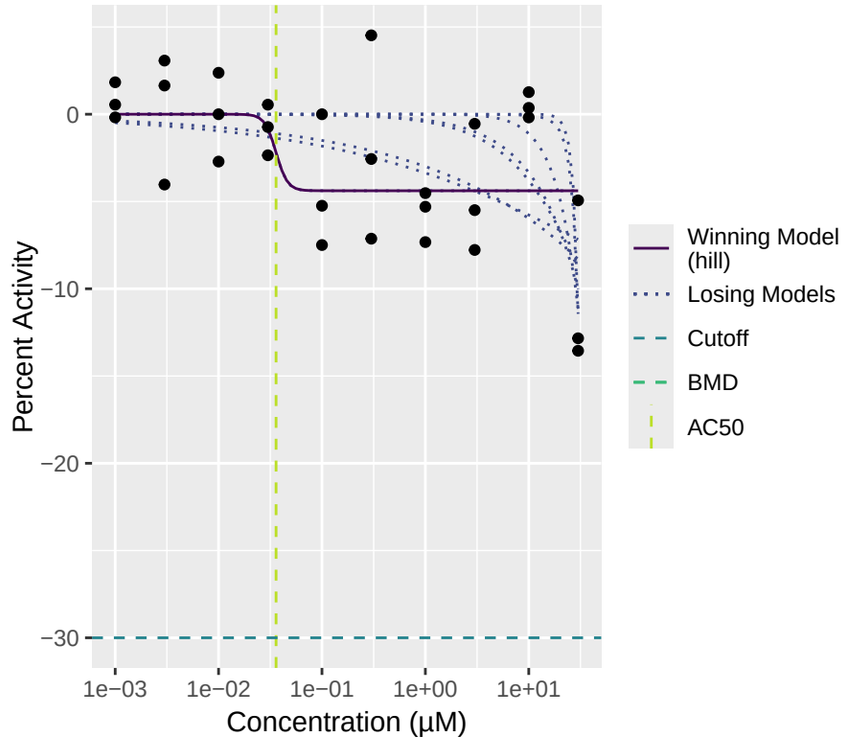
DTXSID1024170 1,1−Dimethylpiperidinium chloride
SPID:EPAPLT0167D03 AEID:3070 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981610



Hitcall	BMD	AC50
0.024	25.913	22.149
model	**aic**	**rme**
poly2	228.693	9.452
pow	229.265	9.552
exp2	229.456	9.575
poly1	229.848	9.936
hill	231.075	9.529
exp5	231.075	9.529
exp3	231.272	9.553
exp4	233.485	10.168
gnls	235.384	9.562
cnst	238.310	12.021

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

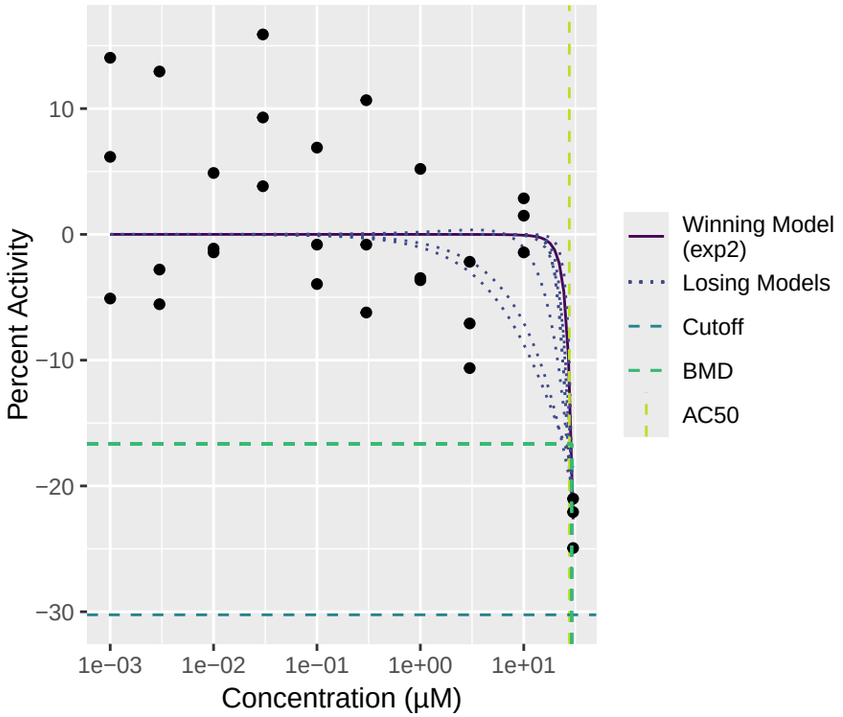
DTXSID6032358 Cymoxanil
SPID:EPAPLT0167D07 AEID:2778 AENM:CCTE_Mundy_HCI_Cortical_NOG_Neu...
M4ID:12976840



Hitcall	BMD	AC50
0.000	NA	0.036
model	**aic**	**rme**
hill	173.117	3.804
pow	173.676	3.722
exp2	174.667	3.901
poly1	174.742	3.914
poly2	175.362	3.919
exp5	175.636	3.739
exp3	176.658	3.902
gnls	177.117	3.804
exp4	177.689	3.955
cnst	183.914	5.102

Flags(1): No median responses above baseline (3*bmad)

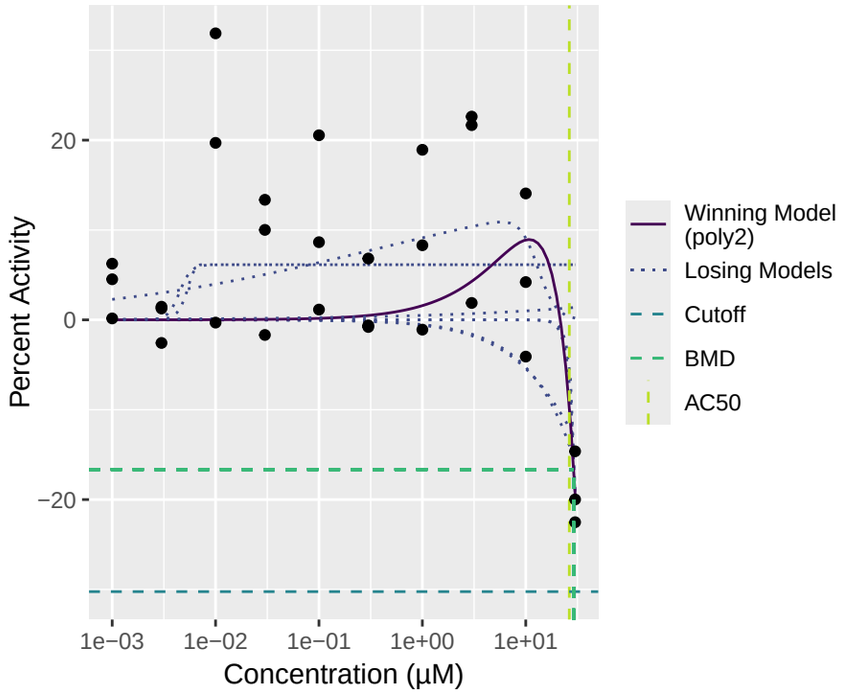
DTXSID5023322 Mifepristone
SPID:EPAPLT0167D09 AEID:3070 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981616



Hitcall	BMD	AC50
0.001	28.929	27.589
model	**aic**	**rme**
exp2	205.087	6.598
pow	205.101	6.599
poly2	205.882	6.658
exp3	207.077	6.598
exp5	207.078	6.598
hill	207.079	6.598
poly1	207.239	6.915
gnls	211.079	6.598
exp4	212.051	7.188
cnst	222.598	9.744

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

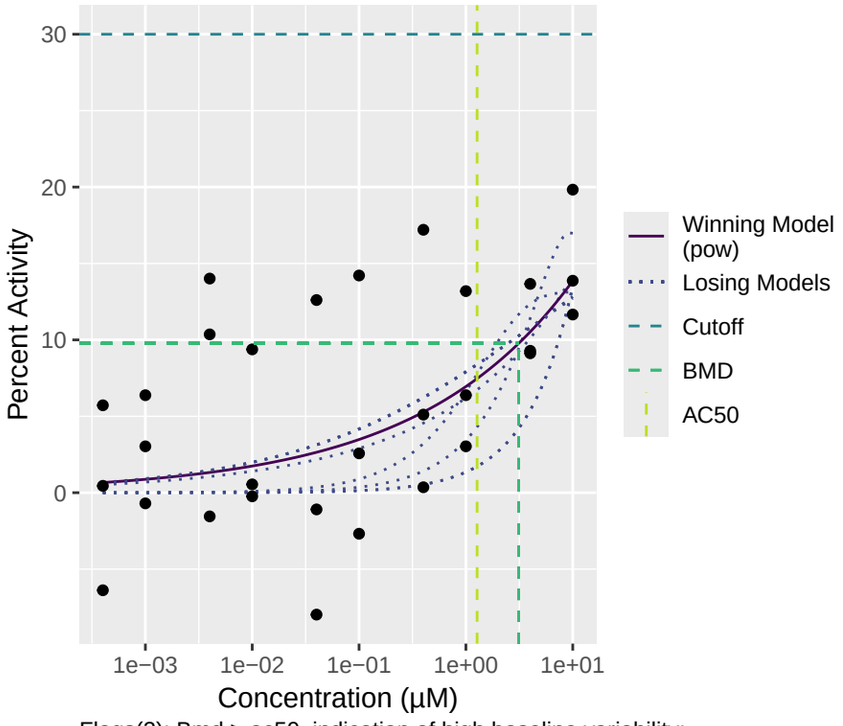
DTXSID0047240 Sodium L−glutamate hydrate
SPID:EPAPLT0167D11 AEID:3070 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981618



Hitcall	BMD	AC50
0.001	29.053	26.372
model	**aic**	**rme**
poly2	231.801	10.848
exp2	235.389	11.517
exp3	237.386	11.517
poly1	237.529	12.154
exp4	240.742	12.300
gnls	241.298	10.854
cnst	241.739	12.996
exp5	241.745	11.939
hill	241.750	11.940
pow	245.698	13.010

Flags(3): Model directionality questionable;
Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

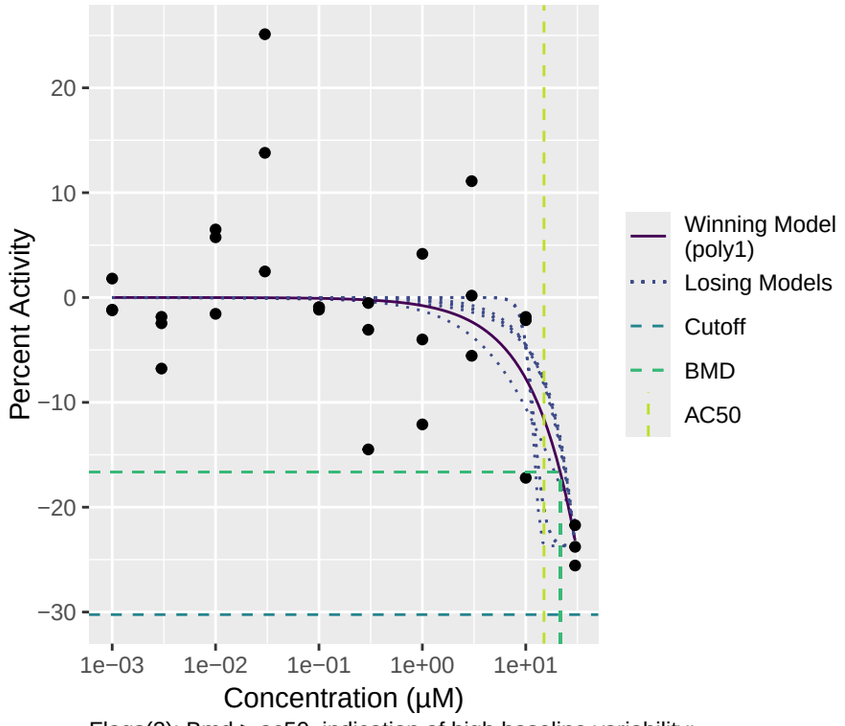
DTXSID0034722 Topramezone
SPID:EPAPLT0167D10 AEID:2793 AENM:CCTE_Mundy_HCI_hNP1_Casp3_7
M4ID:12975606



Hitcall	BMD	AC50
4.4e−11	3.118	1.274
model	**aic**	**rme**
pow	200.467	5.975
exp3	202.935	6.060
hill	202.978	5.967
exp5	202.991	5.969
exp4	203.471	6.456
poly2	204.907	6.688
gnls	206.978	5.967
poly1	208.312	7.165
exp2	210.319	7.165
cnst	223.755	9.277

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

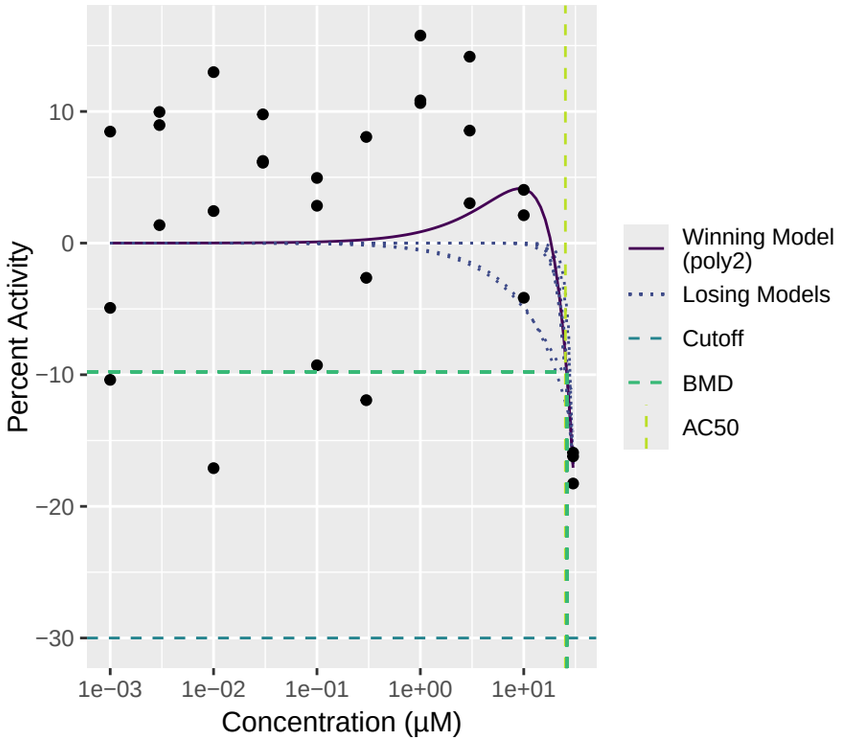
DTXSID4020820 Methimazole
SPID:EPAPLT0167E03 AEID:3070 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981621



Hitcall	BMD	AC50
0.001	21.546	15.000
model	**aic**	**rme**
poly1	205.135	7.540
exp2	206.325	7.549
poly2	206.336	7.546
pow	206.404	7.549
exp3	208.206	7.540
hill	208.388	7.535
exp5	208.388	7.535
exp4	209.384	7.708
gnls	212.388	7.535
cnst	227.228	10.827

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

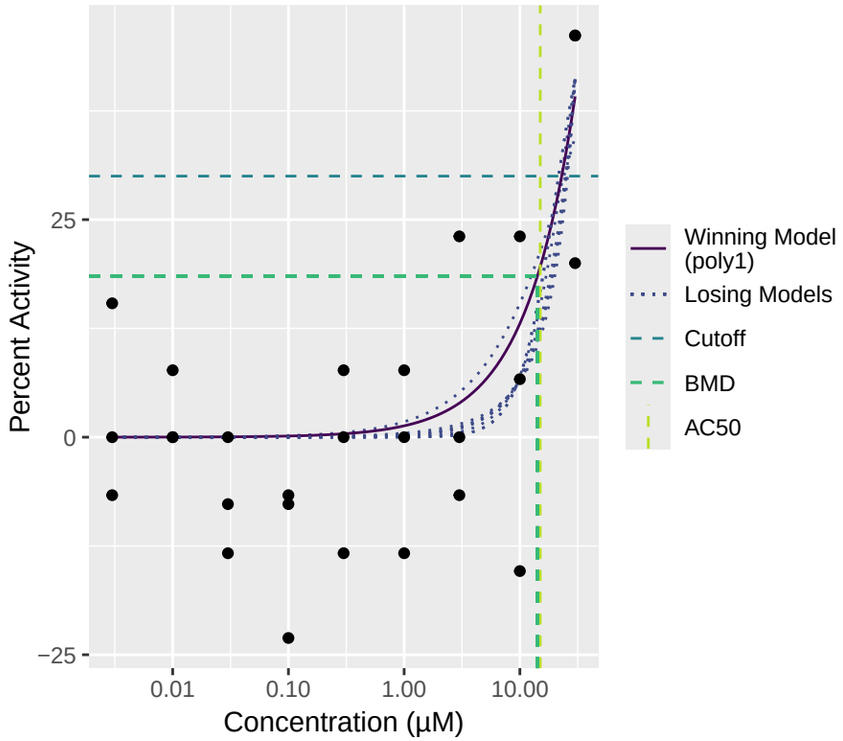
DTXSID6032352 Chlorpyrifos−methyl
SPID:EPAPLT0167E05 AEID:2793 AENM:CCTE_Mundy_HCI_hNP1_Casp3_7
M4ID:12975612



Hitcall	BMD	AC50
1.5e−04	26.048	25.281
model	**aic**	**rme**
poly2	221.397	8.236
pow	223.155	8.487
exp2	223.156	8.487
poly1	224.550	8.909
exp3	225.145	8.486
hill	225.146	8.486
exp5	225.146	8.486
exp4	228.068	9.084
gnls	229.146	8.486
cnst	229.691	10.011

Flags(1): Bmd > ac50, indication of high baseline variability

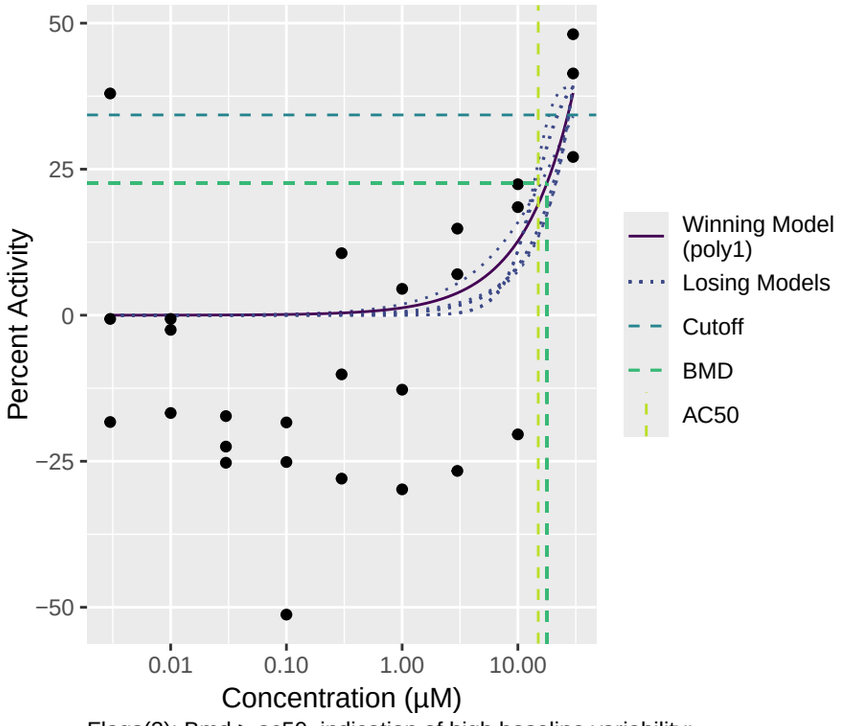
DTXSID5023900 Benomyl
SPID:EPAPLT0167E06 AEID:2785 AENM:CCTE_Mundy_HCI_Cortical_Synap_N...
M4ID:12978293



Hitcall	BMD	AC50
0.810	14.196	15.000
model	**aic**	**rme**
poly1	214.283	11.599
pow	215.353	11.375
poly2	215.379	11.369
exp2	215.398	11.358
exp3	217.356	11.366
exp5	217.365	11.392
hill	217.382	11.404
exp4	217.654	11.847
gnls	221.382	11.404
cnst	228.483	16.929

Flags(0): None

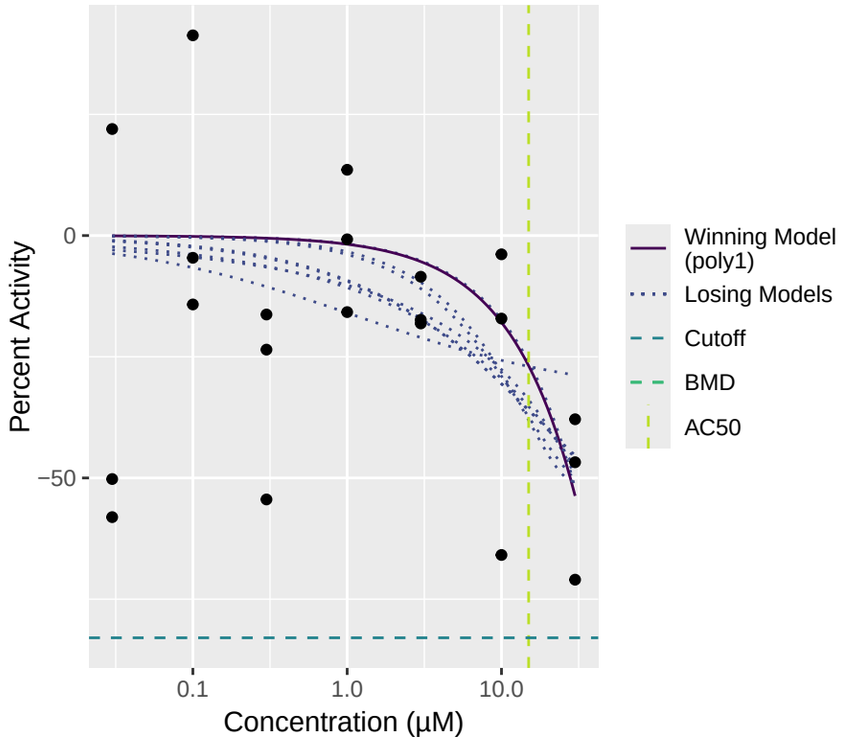
DTXSID5023900 Benomyl
SPID:EPAPLT0167E06 AEID:2782 AENM:CCTE_Mundy_HCI_Cortical_Synap_N...
M4ID:12977695



Hitcall	BMD	AC50
0.508	17.831	15.000
model	**aic**	**rme**
poly1	246.680	20.938
pow	248.359	20.694
poly2	248.456	20.714
exp2	248.485	20.742
exp4	249.337	21.245
hill	250.244	20.691
exp5	250.245	20.690
exp3	250.364	20.699
gnls	254.244	20.691
cnst	254.403	24.473

Flags(2): Bmd > ac50, indication of high baseline variability; Borderline

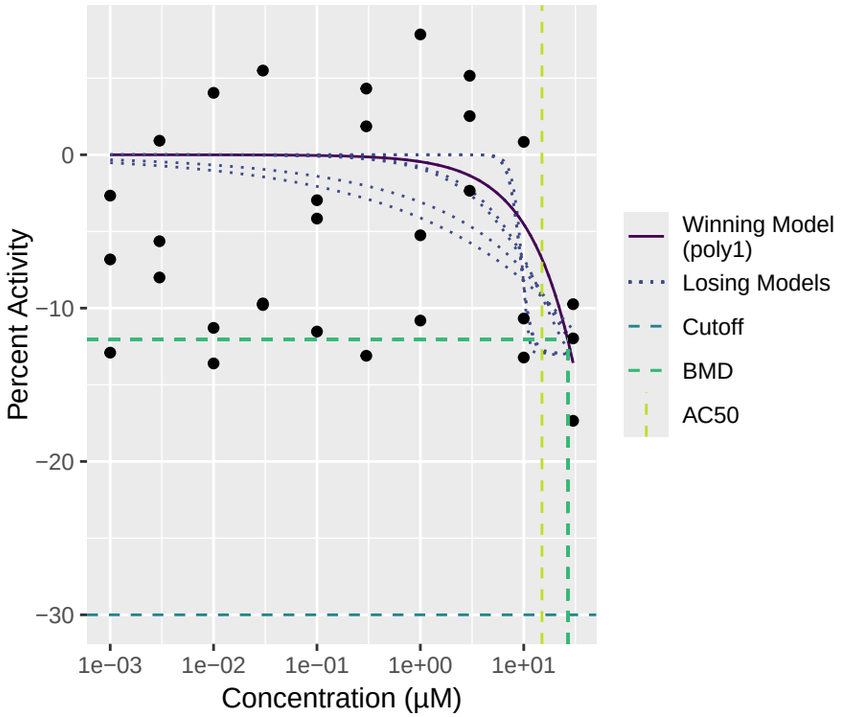
DTXSID7020552 Doxylamine succinate
SPID:EPAPLT0167E08 AEID:2516 AENM:CCTE_Shafer_MEA_dev_network_spi...
M4ID:12947515



Hitcall	BMD	AC50
0.004	35.053	15.000
model	**aic**	**rme**
poly1	203.142	27.459
pow	203.550	26.206
exp4	204.455	26.857
poly2	204.539	26.908
exp2	205.164	27.495
exp3	205.202	26.051
exp5	206.076	26.530
hill	206.104	26.556
gnls	212.282	27.516
cnst	213.266	35.545

Flags(1): Bmd > ac50, indication of high baseline variability

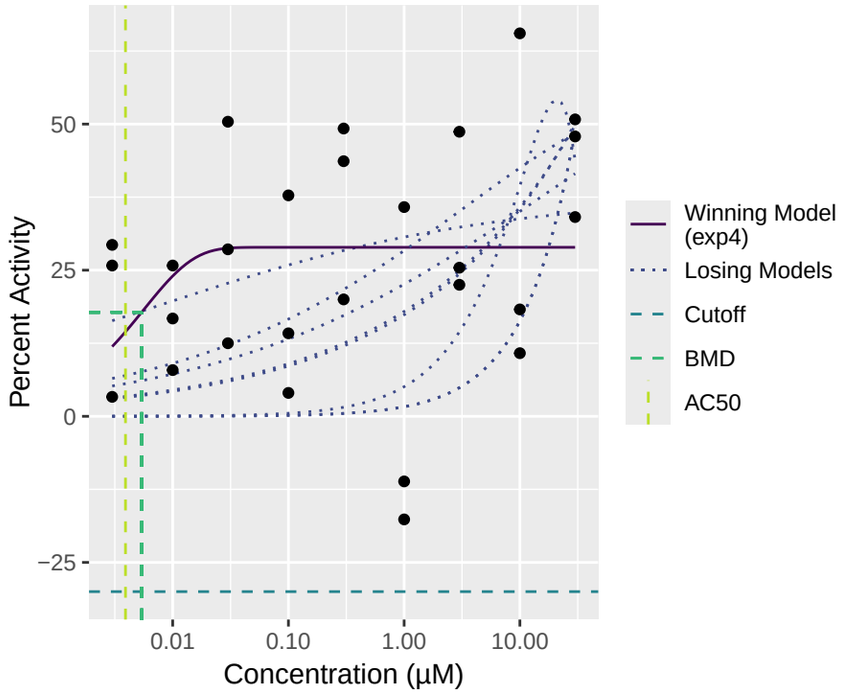
DTXSID7020552 Doxylamine succinate
SPID:EPAPLT0167E08 AEID:2779 AENM:CCTE_Mundy_HCI_Cortical_NOG_Neu...
M4ID:12976549



Hitcall	BMD	AC50
1.5e−05	26.634	15.000
model	**aic**	**rme**
poly1	213.373	7.407
pow	214.268	7.222
poly2	215.071	7.372
exp4	215.187	7.383
exp2	215.376	7.408
exp3	216.172	7.214
hill	216.242	7.322
exp5	216.242	7.322
gnls	220.242	7.322
cnst	221.478	8.741

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

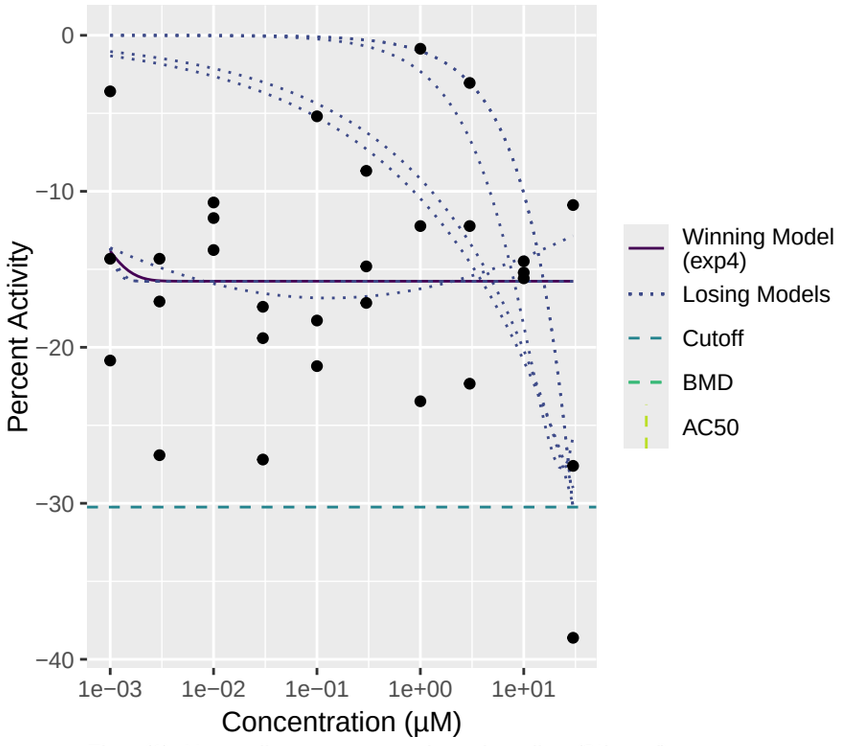
DTXSID1032690 Indoxacarb
SPID:EPAPLT0167E10 AEID:2787 AENM:CCTE_Mundy_HCI_Cortical_Synap_N...
M4ID:12977400



Hitcall	BMD	AC50
−4.0e−01	0.005	0.004
model	**aic**	**rme**
exp4	244.476	19.392
gnls	248.568	18.988
exp5	249.693	20.485
hill	250.285	20.417
pow	251.827	21.622
exp3	254.263	21.749
poly2	260.305	25.232
poly1	260.816	26.755
exp2	262.825	26.760
cnst	270.152	32.464

Flags(3): Bmd > ac50, indication of high baseline variability;
Borderline;
No median responses above baseline (3*bmad)

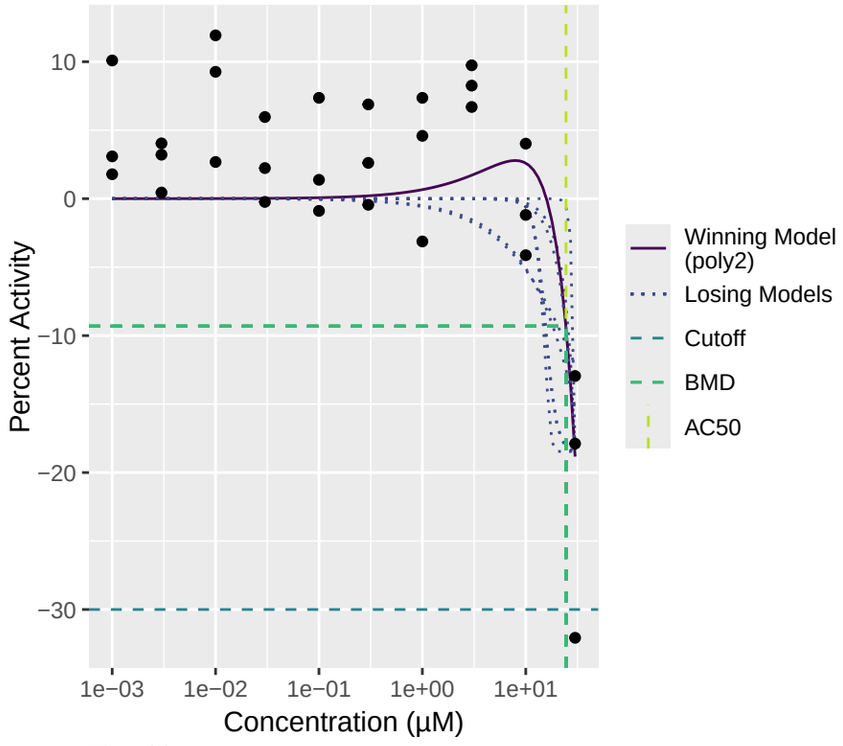
DTXSID7020552 Doxylamine succinate
SPID:EPAPLT0167E08 AEID:3070 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981626



Hitcall	BMD	AC50
0.000	NA	3.3e−04
model	**aic**	**rme**
exp4	214.846	7.907
hill	216.833	7.903
exp5	216.833	7.903
gnls	222.790	8.378
pow	244.642	12.116
exp3	248.457	12.476
poly1	256.024	14.958
poly2	256.042	14.505
exp2	258.029	14.959
cnst	264.681	17.840

Flags(1): No median responses above baseline (3*bmad)

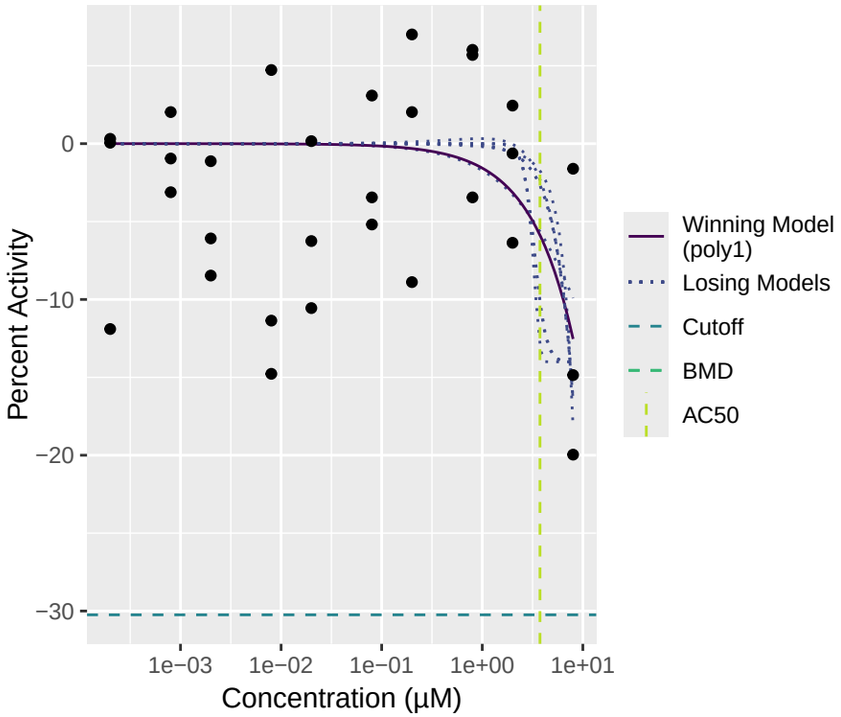
DTXSID1032690 Indoxacarb
SPID:EPAPLT0167E10 AEID:3068 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981110



Hitcall	BMD	AC50
0.001	24.440	24.510
model	**aic**	**rme**
poly2	198.648	5.780
pow	200.548	5.978
exp2	200.568	5.977
hill	202.534	5.976
exp5	202.534	5.976
exp3	202.549	5.977
poly1	203.902	6.610
gnls	206.534	5.976
exp4	208.302	6.987
cnst	212.741	8.892

Flags(0): None

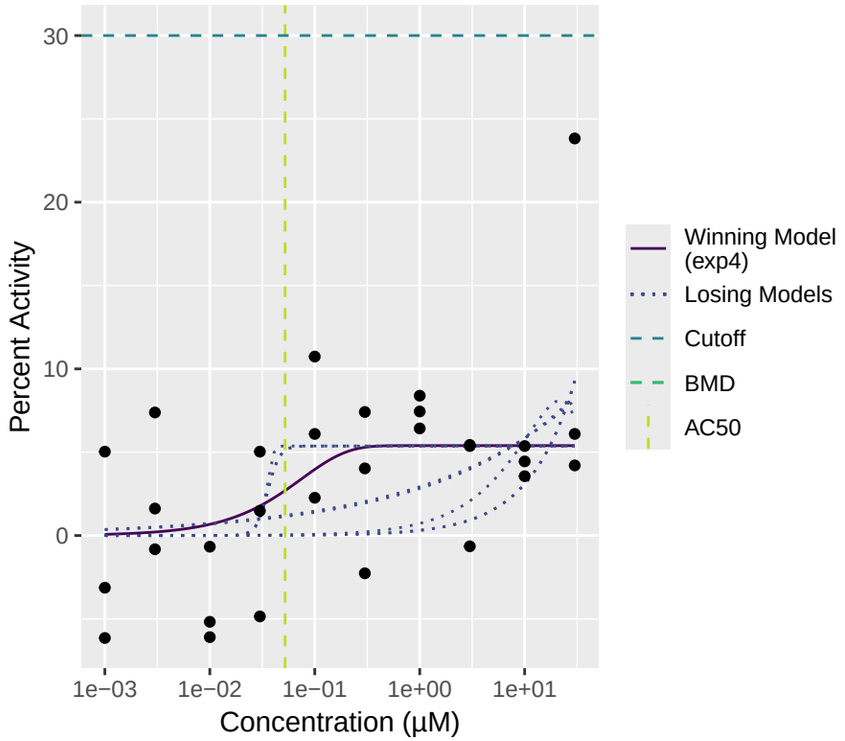
DTXSID4022991 Erythromycin
SPID:EPAPLT0167F01 AEID:3070 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981629



Hitcall	BMD	AC50
1.4e−06	10.621	3.750
model	**aic**	**rme**
poly1	205.197	6.597
poly2	205.703	6.529
pow	205.794	6.530
exp2	205.853	6.535
hill	207.754	6.526
exp5	207.754	6.526
exp3	207.798	6.530
exp4	207.948	6.659
cnst	208.815	7.564
gnls	211.754	6.526

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

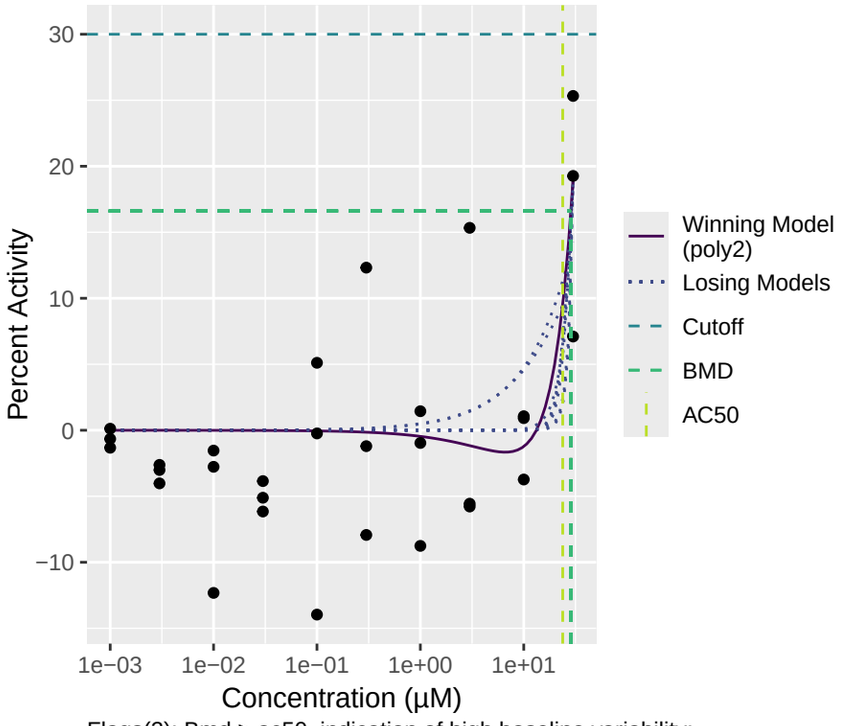
DTXSID7041201 alpha−Cypermethrin
SPID:EPAPLT0167F02 AEID:2778 AENM:CCTE_Mundy_HCI_Cortical_NOG_Neu...
M4ID:12976856



Hitcall	BMD	AC50
0.000	NA	0.052
model	**aic**	**rme**
exp4	183.730	5.091
exp5	183.975	4.989
hill	183.976	4.989
gnls	187.976	4.989
pow	189.187	5.106
exp3	191.544	5.105
poly1	194.494	5.562
poly2	194.775	5.590
exp2	196.499	5.563
cnst	200.550	6.806

Flags(1): No median responses above baseline (3*bmad)

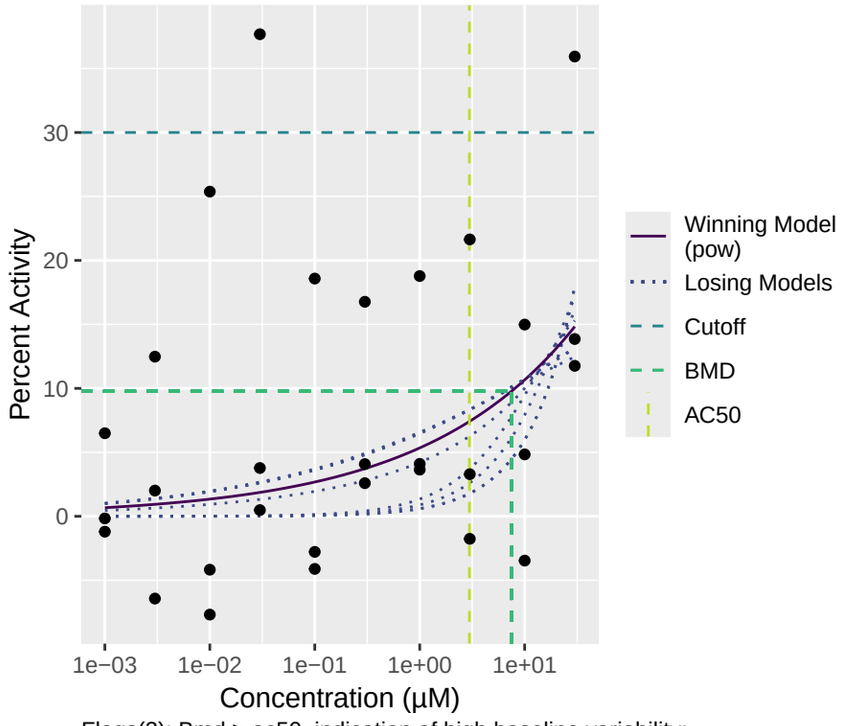
DTXSID7041201 alpha−Cypermethrin
SPID:EPAPLT0167F02 AEID:2777 AENM:CCTE_Mundy_HCI_Cortical_NOG_BPC...
M4ID:12977129



Hitcall	BMD	AC50
1.7e−04	28.593	23.804
model	**aic**	**rme**
poly2	203.368	6.571
exp2	203.961	6.550
pow	203.974	6.550
exp3	205.959	6.550
exp5	205.959	6.550
hill	205.960	6.550
poly1	206.523	6.817
exp4	209.809	7.006
gnls	209.959	6.550
cnst	212.486	8.505

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

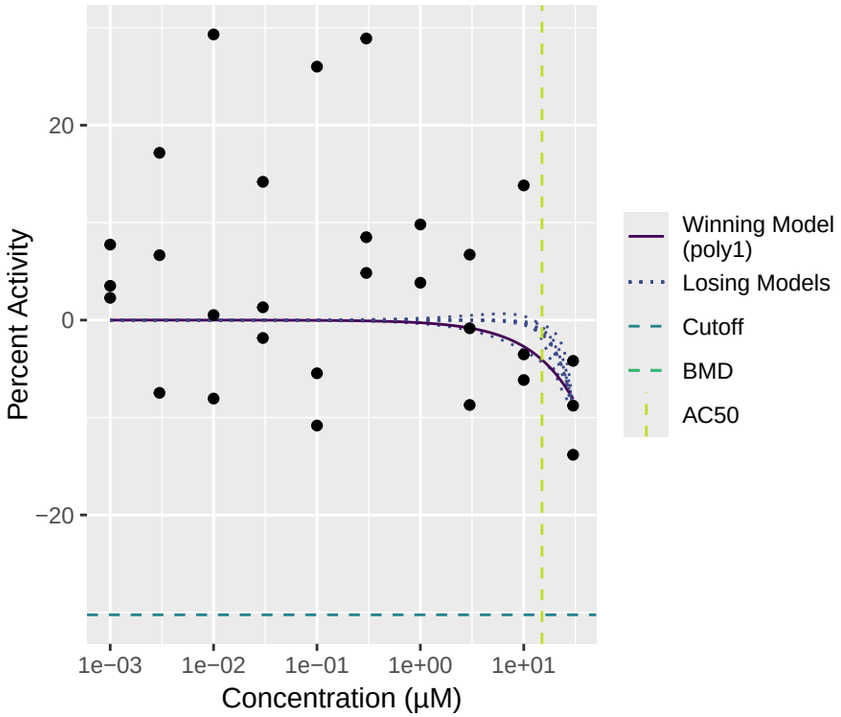
DTXSID7041201 alpha−Cypermethrin
SPID:EPAPLT0167F02 AEID:2793 AENM:CCTE_Mundy_HCI_hNP1_Casp3_7
M4ID:12975619



Hitcall	BMD	AC50
6.7e−05	7.468	2.976
model	**aic**	**rme**
pow	234.189	11.404
poly1	235.096	12.074
hill	236.225	11.335
exp5	236.330	11.358
exp3	236.389	11.496
exp4	236.935	12.077
poly2	236.936	12.055
exp2	237.099	12.074
gnls	240.231	11.332
cnst	242.416	13.929

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

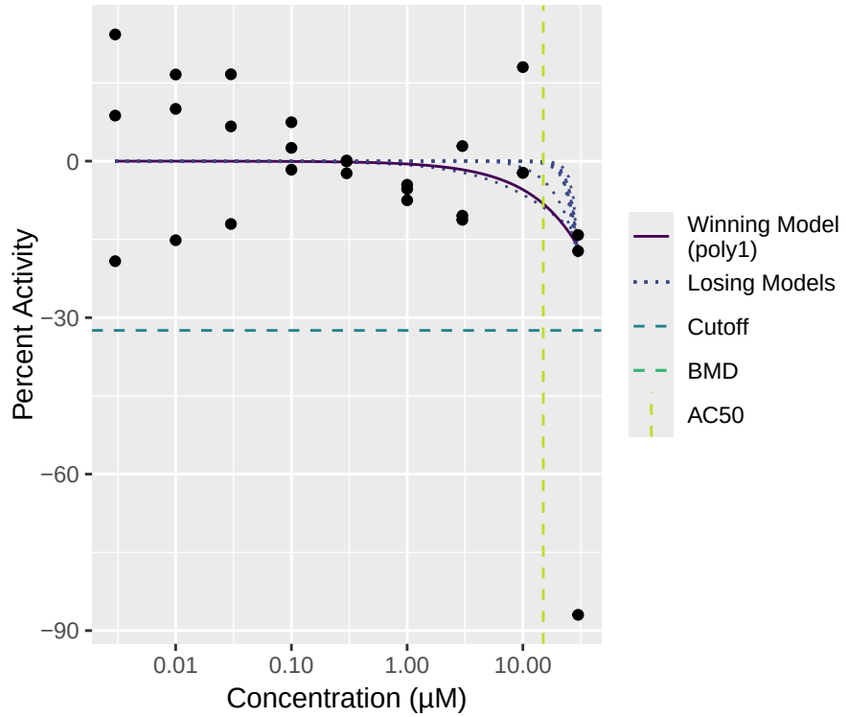
DTXSID7041201 alpha−Cypermethrin
SPID:EPAPLT0167F02 AEID:3070 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981630



Hitcall	BMD	AC50
1.6e−06	61.399	15.000
model	**aic**	**rme**
poly1	226.584	11.651
cnst	227.274	11.915
poly2	228.195	11.548
pow	228.252	11.571
exp2	228.254	11.566
exp4	228.863	11.691
hill	230.251	11.568
exp3	230.251	11.568
exp5	230.251	11.568
gnls	234.251	11.567

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

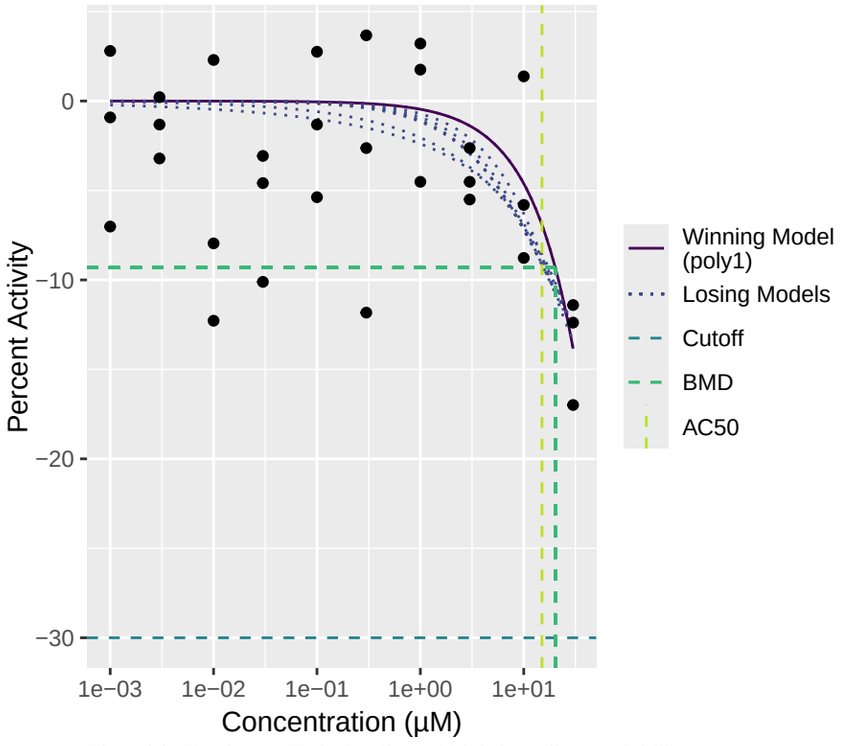
DTXSID7023645 Tetracycline
SPID:EPAPLT0167F04 AEID:2786 AENM:CCTE_Mundy_HCI_Cortical_Synap_N...
M4ID:12978002



Hitcall	BMD	AC50
0.002	44.359	15.000
model	**aic**	**rme**
poly1	222.398	17.234
pow	223.519	16.769
exp2	223.522	16.772
poly2	223.809	16.864
exp4	224.986	17.657
hill	225.512	16.761
exp3	225.512	16.758
exp5	225.513	16.760
cnst	226.000	20.114
gnls	229.513	16.761

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

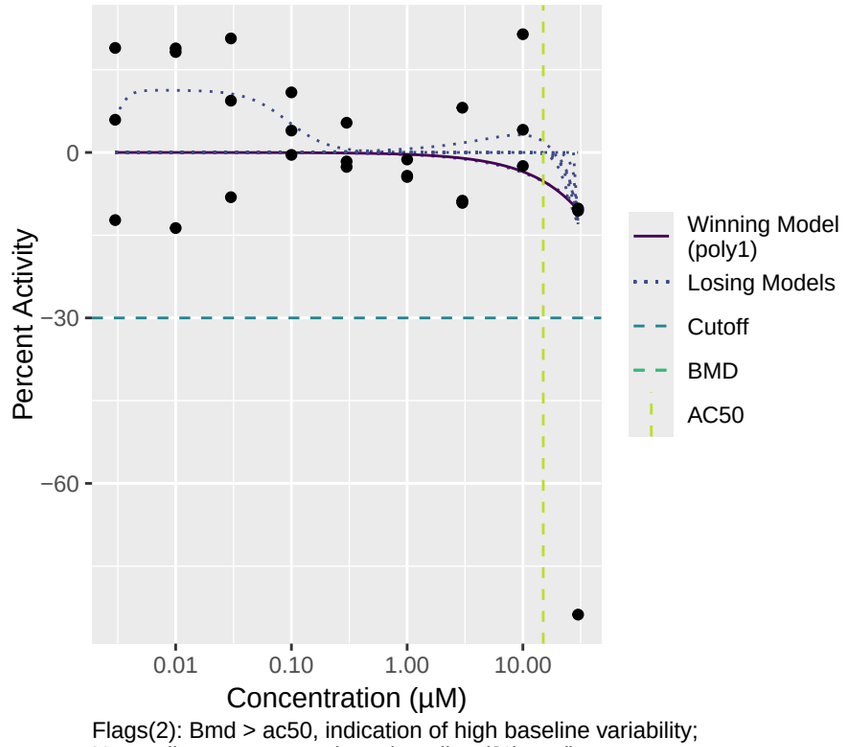
DTXSID2034962 Thiamethoxam
SPID:EPAPLT0167F03 AEID:3068 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981113



Hitcall	BMD	AC50
4.8e−09	20.194	15.000
model	**aic**	**rme**
poly1	186.218	5.008
pow	186.792	4.926
exp3	187.705	4.818
poly2	187.710	5.005
exp4	187.762	5.023
exp2	188.222	5.008
hill	189.715	5.024
exp5	189.729	5.022
gnls	193.715	5.024
cnst	203.458	6.823

Flags(1): Bmd > ac50, indication of high baseline variability

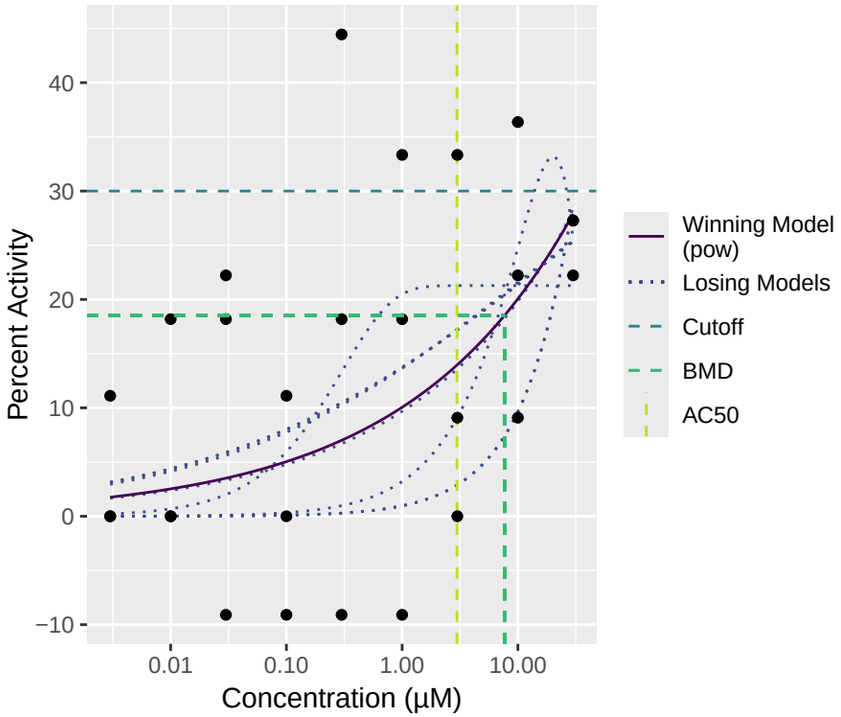
DTXSID7023645 Tetracycline
SPID:EPAPLT0167F04 AEID:2788 AENM:CCTE_Mundy_HCI_Cortical_Synap_N...
M4ID:12979437



Hitcall	BMD	AC50
4.6e−04	64.990	15.000
model	**aic**	**rme**
poly1	223.549	17.721
cnst	224.036	19.396
poly2	224.241	17.124
exp2	224.376	17.155
pow	224.384	17.163
exp4	225.782	17.912
exp3	226.376	17.158
exp5	226.377	17.156
hill	226.379	17.158
gnls	229.629	19.025

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

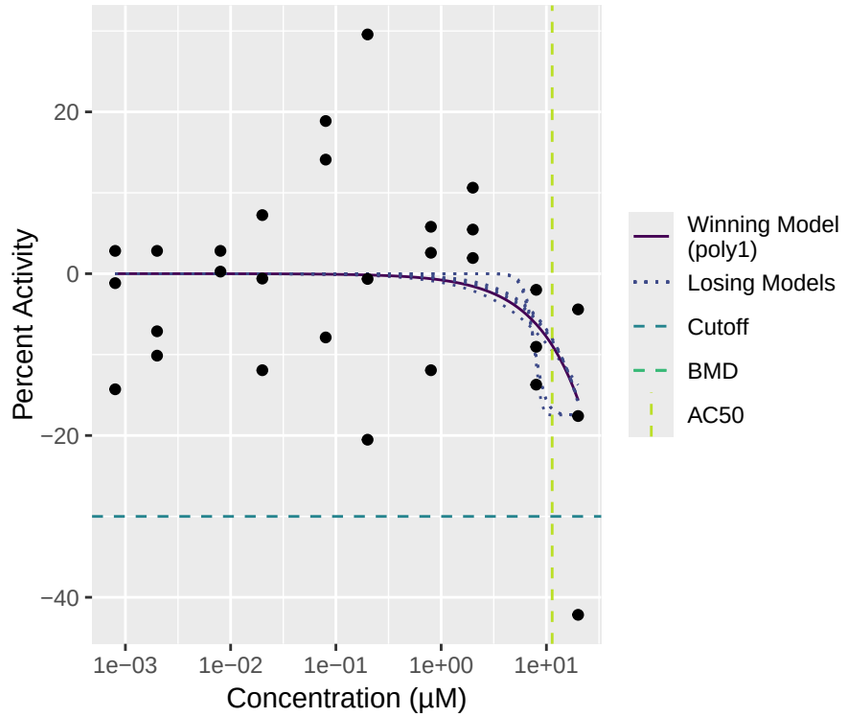
DTXSID1023235 D−Mannitol
SPID:EPAPLT0167F06 AEID:2785 AENM:CCTE_Mundy_HCI_Cortical_Synap_N...
M4ID:12978303



Hitcall	BMD	AC50
0.268	7.676	2.976
model	**aic**	**rme**
pow	225.579	13.764
exp4	226.708	13.936
hill	226.807	13.413
exp5	226.832	13.426
exp3	227.749	13.824
poly2	228.922	15.155
gnls	230.807	13.413
poly1	231.200	16.402
exp2	233.206	16.404
cnst	241.903	19.771

Flags(2): Bmd > ac50, indication of high baseline variability;
Borderline

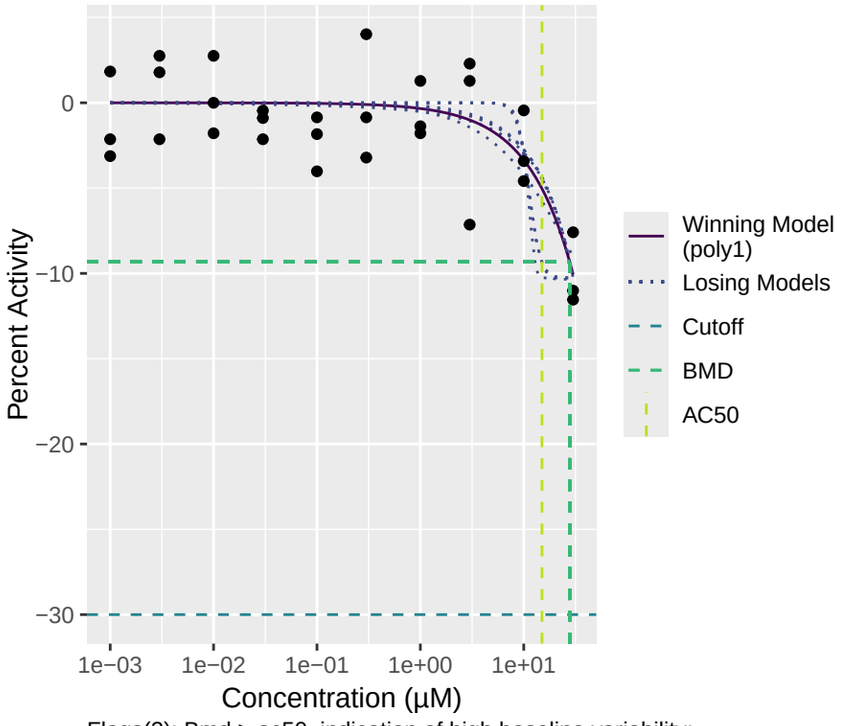
DTXSID4047672 Flubendiamide
SPID:EPAPLT0167F09 AEID:2777 AENM:CCTE_Mundy_HCI_Cortical_NOG_BPC...
M4ID:12977136



Hitcall	BMD	AC50
0.009	21.286	11.340
model	**aic**	**rme**
poly1	227.497	11.383
pow	229.375	11.333
poly2	229.477	11.363
exp2	229.482	11.367
exp4	229.854	11.552
hill	230.332	11.250
exp5	230.332	11.250
exp3	231.403	11.348
cnst	232.141	13.391
gnls	234.332	11.250

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

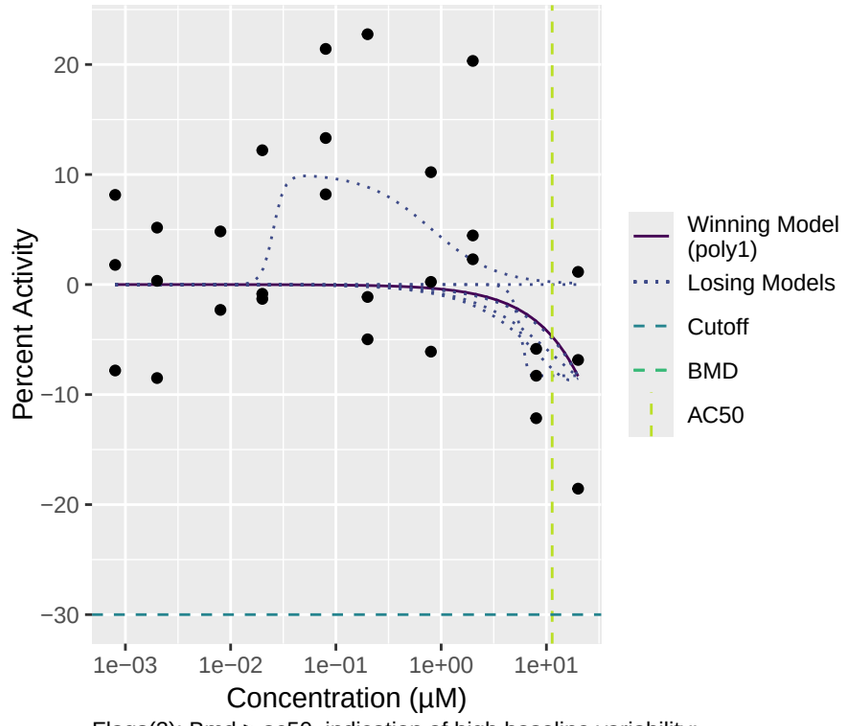
DTXSID2032637 Pymetrozine
SPID:EPAPLT0167F07 AEID:3068 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981117



Hitcall	BMD	AC50
5.1e−19	27.790	15.000
model	**aic**	**rme**
poly1	145.007	2.416
pow	146.761	2.421
poly2	146.763	2.416
exp2	146.769	2.416
hill	148.394	2.449
exp5	148.394	2.449
exp3	148.402	2.395
exp4	148.835	2.468
gnls	152.395	2.449
cnst	168.541	4.108

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

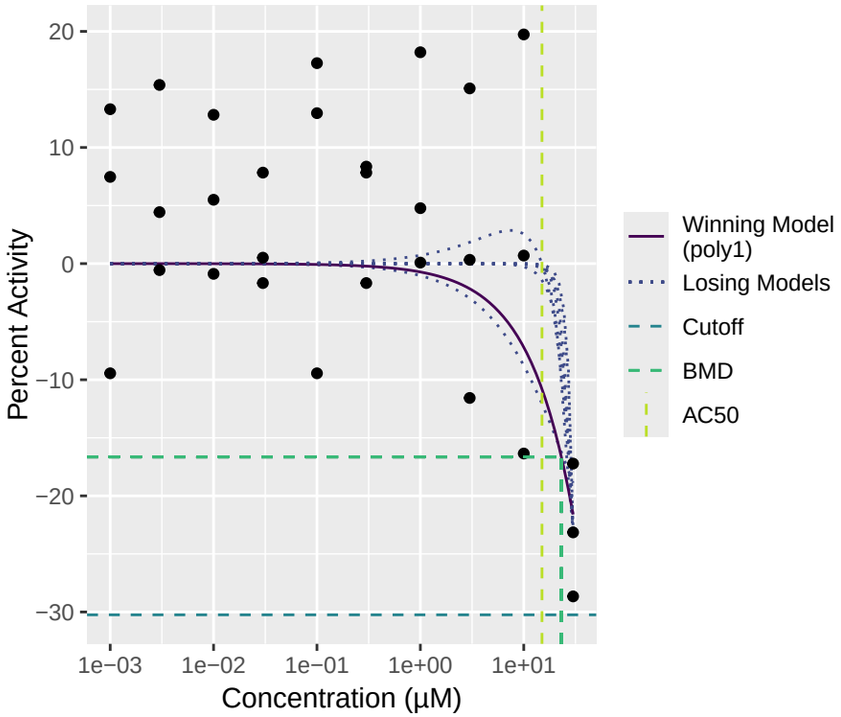
DTXSID4047672 Flubendiamide
SPID:EPAPLT0167F09 AEID:2779 AENM:CCTE_Mundy_HCI_Cortical_NOG_Neu...
M4ID:12976560



Hitcall	BMD	AC50
7.0e−06	28.920	11.340
model	**aic**	**rme**
poly1	216.850	9.498
exp5	218.144	9.200
cnst	218.237	9.965
poly2	218.312	9.521
exp4	218.526	9.517
pow	218.837	9.508
exp2	218.853	9.498
exp3	220.842	9.506
gnls	222.465	8.715
hill	224.237	9.965

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

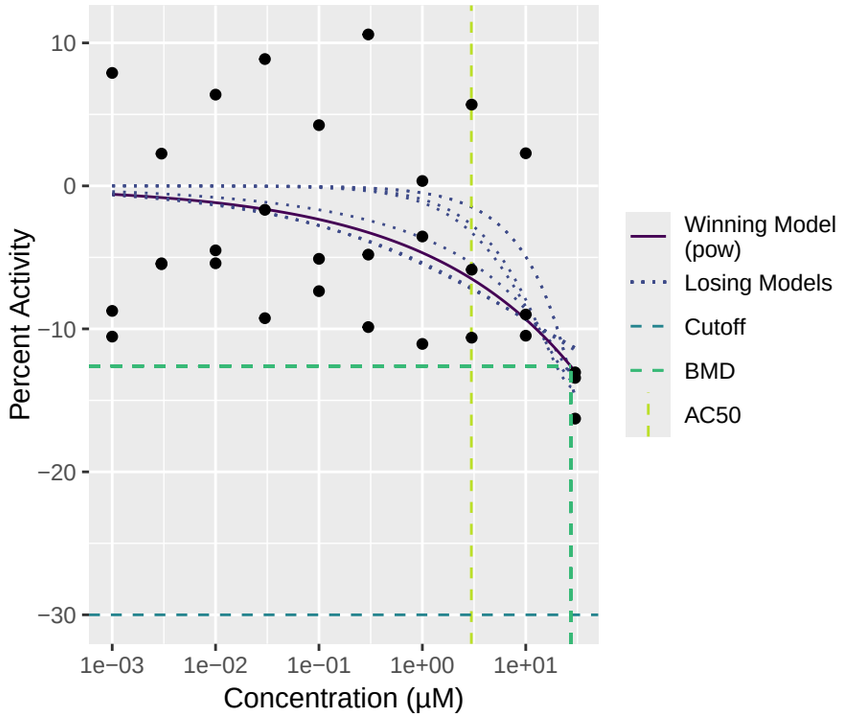
DTXSID5032442 Imidacloprid
SPID:EPAPLT0167G03 AEID:3070 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981641



Hitcall	BMD	AC50
0.011	23.119	15.000
model	**aic**	**rme**
poly2	231.522	9.864
poly1	231.543	10.427
exp2	231.877	9.945
pow	231.881	9.947
hill	233.874	9.943
exp3	233.874	9.943
exp5	233.874	9.943
exp4	234.868	10.701
gnls	237.874	9.943
cnst	240.454	12.321

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

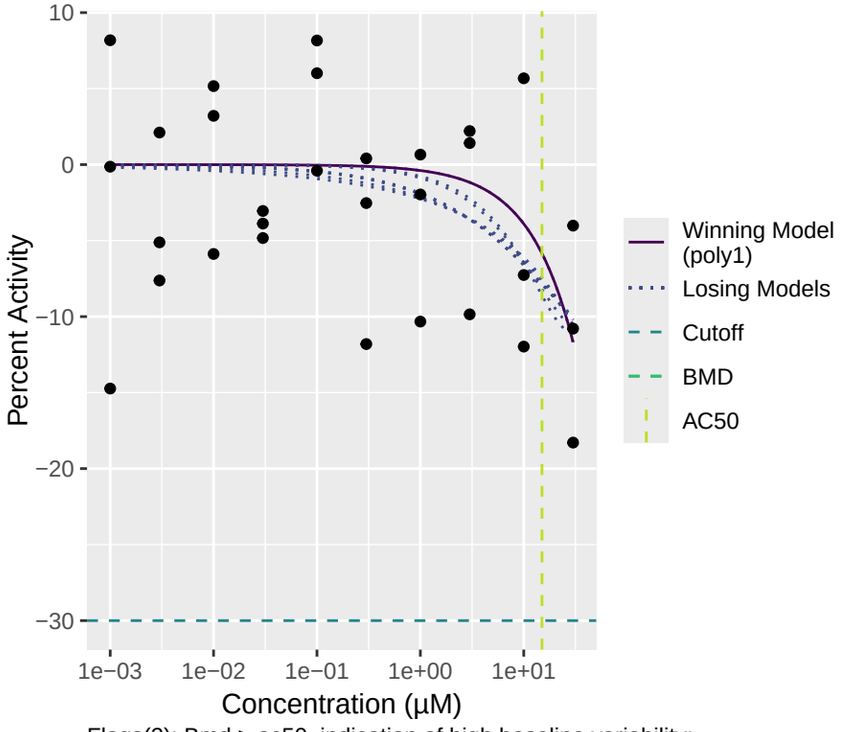
DTXSID1023998 Cypermethrin
SPID:EPAPLT0167G05 AEID:2794 AENM:CCTE_Mundy_HCI_hNP1_CellTiter
M4ID:12982022



Hitcall	BMD	AC50
2.0e−11	27.189	2.977
model	**aic**	**rme**
pow	205.464	6.427
poly1	206.732	6.539
exp3	207.464	6.353
exp4	207.889	6.507
poly2	208.026	6.509
exp5	208.193	6.525
hill	208.415	6.545
exp2	208.736	6.539
gnls	212.415	6.545
cnst	218.299	8.223

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

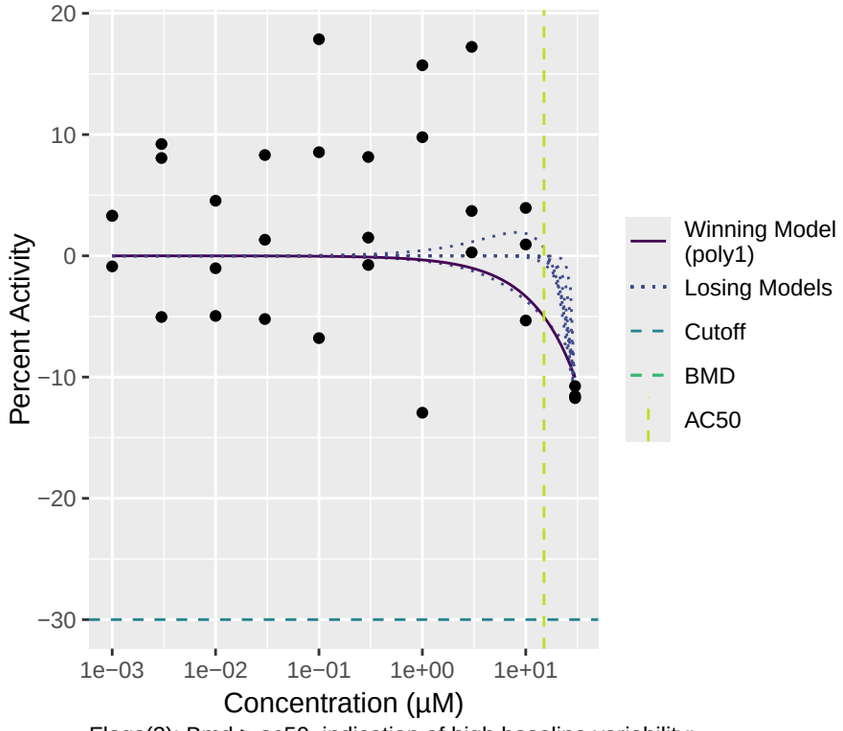
DTXSID1023998 Cypermethrin
SPID:EPAPLT0167G05 AEID:2779 AENM:CCTE_Mundy_HCI_Cortical_NOG_Neu...
M4ID:12976566



Hitcall	BMD	AC50
7.3e−07	30.946	15.000
model	**aic**	**rme**
poly1	202.897	6.340
pow	204.031	6.254
exp4	204.406	6.324
poly2	204.427	6.330
exp2	204.900	6.340
exp3	205.924	6.234
hill	206.197	6.283
exp5	206.239	6.291
cnst	209.219	7.419
gnls	210.197	6.283

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

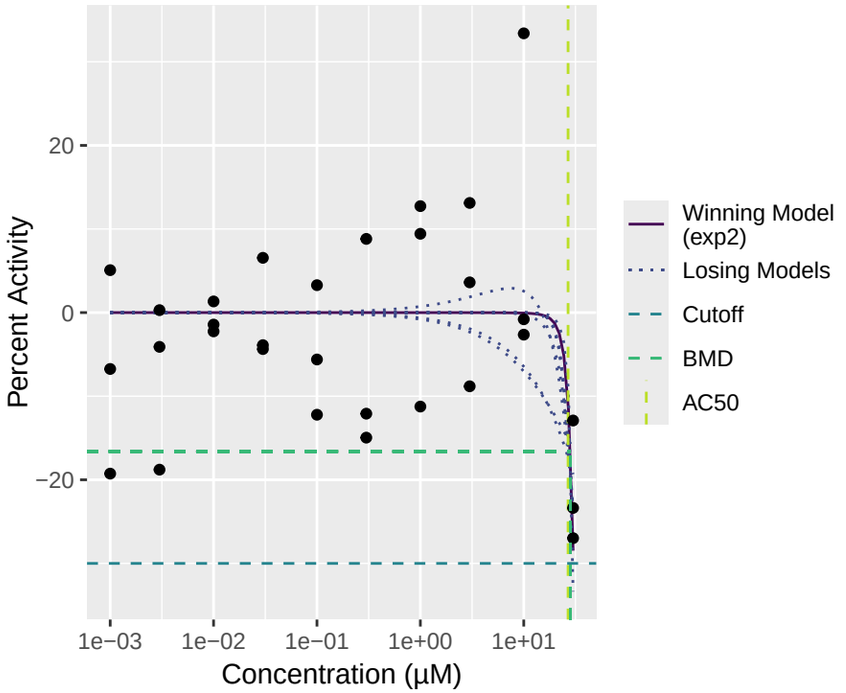
DTXSID7020479 Dimethoate
SPID:EPAPLT0167G06 AEID:2779 AENM:CCTE_Mundy_HCI_Cortical_NOG_Neu...
M4ID:12976567



Hitcall	BMD	AC50
1.2e−08	36.000	15.005
model	**aic**	**rme**
poly2	212.014	7.457
poly1	212.572	7.766
exp2	212.675	7.563
pow	212.678	7.563
hill	214.675	7.563
exp3	214.675	7.563
exp5	214.675	7.563
exp4	215.600	7.857
cnst	217.080	8.371
gnls	218.675	7.563

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

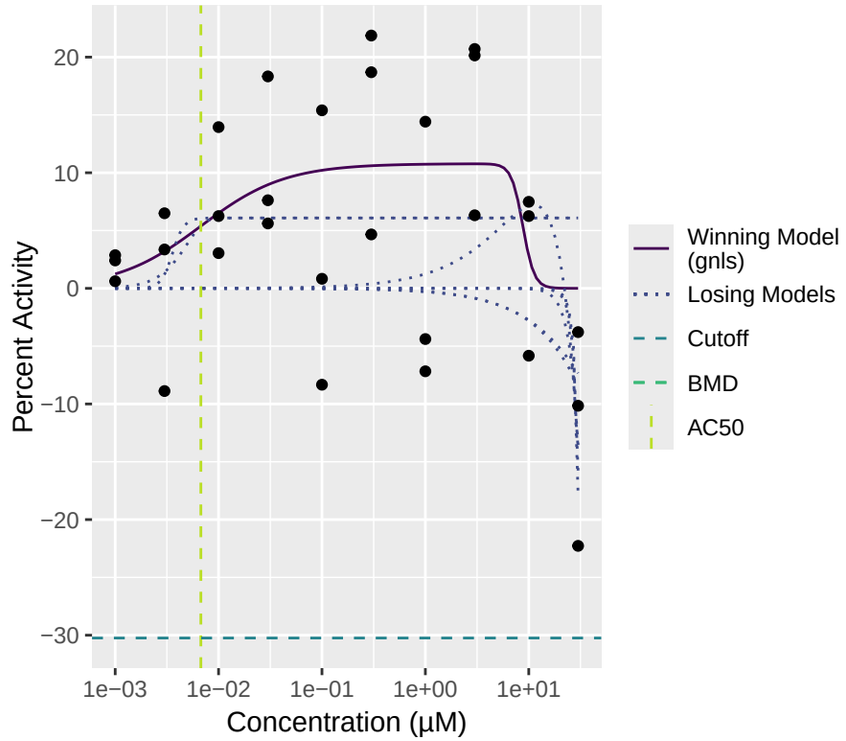
DTXSID7037555 tau−Fluvalinate
SPID:EPAPLT0167G07 AEID:2777 AENM:CCTE_Mundy_HCI_Cortical_NOG_BPC...
M4ID:12977144



Hitcall	BMD	AC50
0.016	28.244	26.822
model	**aic**	**rme**
poly2	231.551	10.406
exp2	231.946	10.663
pow	231.967	10.679
poly1	232.715	11.492
exp3	233.939	10.659
exp5	233.939	10.659
hill	233.940	10.659
exp4	235.941	11.686
gnls	237.940	10.659
cnst	239.206	12.571

Flags(3): Model directionality questionable;
Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

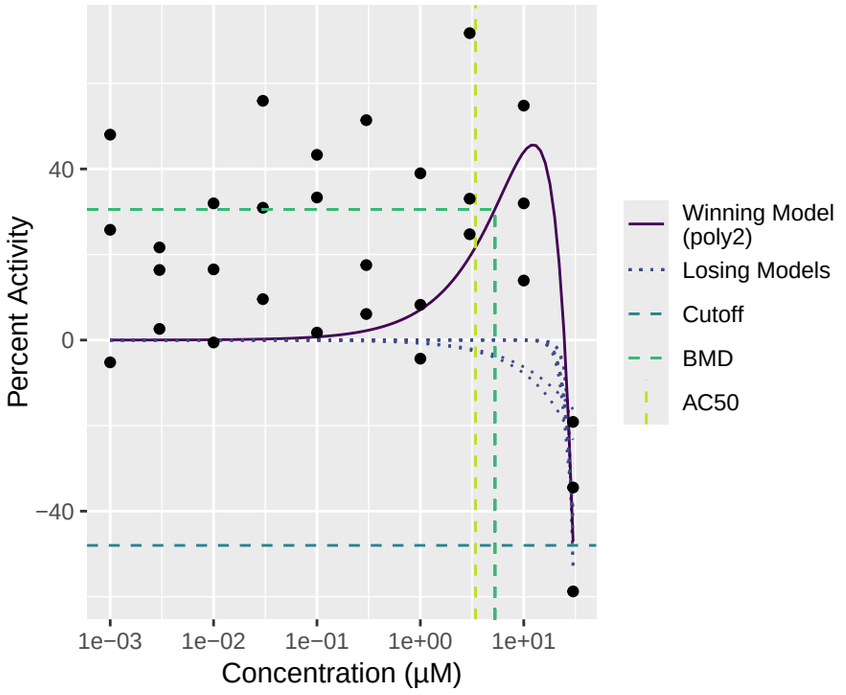
DTXSID7037555 tau−Fluvalinate
SPID:EPAPLT0167G07 AEID:3070 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981645



Hitcall	BMD	AC50
−8.2e−15	NA	0.007
model	**aic**	**rme**
gnls	231.239	9.143
poly2	233.277	10.247
exp5	234.428	10.296
hill	234.437	10.295
cnst	235.240	11.354
poly1	235.297	11.001
exp2	235.558	10.695
pow	235.563	10.696
exp4	237.520	11.042
exp3	237.555	10.695

Flags(1): No median responses above baseline (3*bmad)

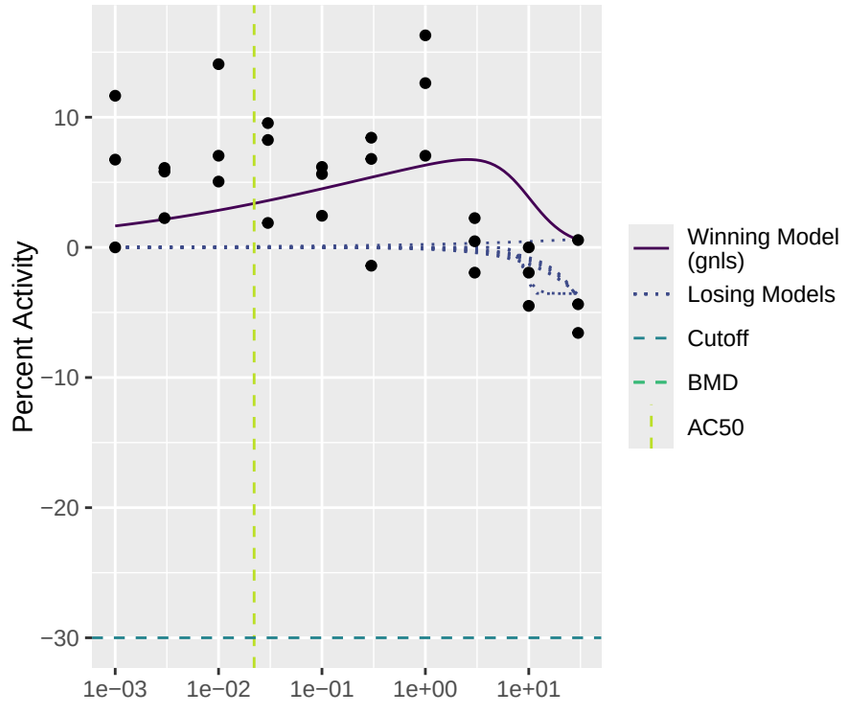
DTXSID7037555 tau−Fluvalinate
SPID:EPAPLT0167G07 AEID:3067 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_B...
M4ID:12980868



Hitcall	BMD	AC50
−6.0e−14	5.245	3.420
model	**aic**	**rme**
poly2	289.350	26.356
exp2	299.334	30.914
pow	299.337	30.915
cnst	300.138	33.102
poly1	300.593	32.523
exp3	301.330	30.912
hill	301.332	30.913
exp5	301.333	30.913
exp4	303.058	32.678
gnls	305.332	30.913

Flags(3): Bmd > ac50, indication of high baseline variability;
Borderline;
No median responses above baseline (3*bmad)

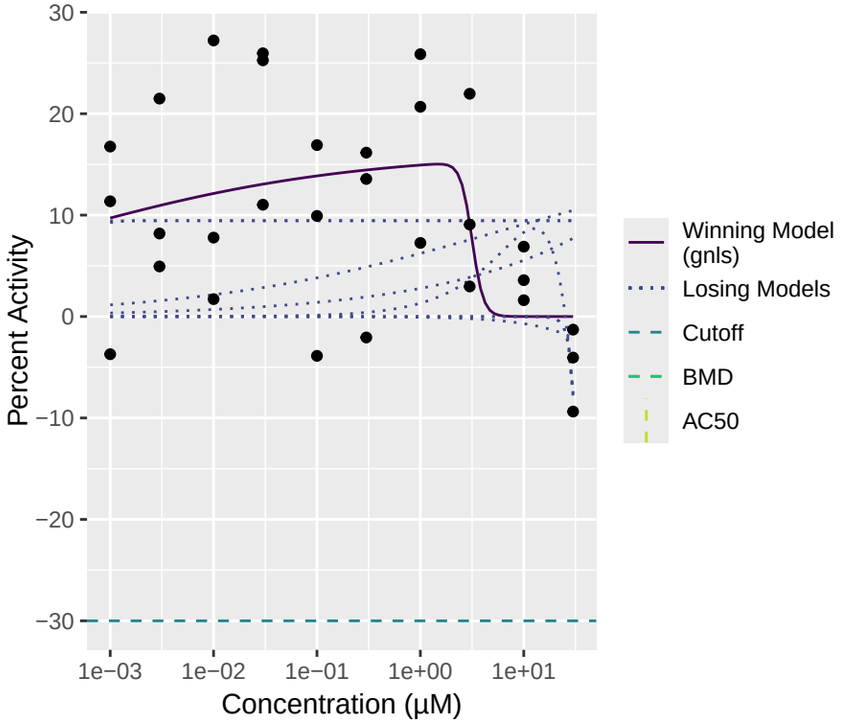
DTXSID7034549 1−Methyl−2−nitro−3−((tetrahydrofuran−3−yl)methyl)guanidine
SPID:EPAPLT0167H01 AEID:3068 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981131



Hitcall	BMD	AC50
−3.1e−10	NA	0.022
model	**aic**	**rme**
gnls	203.792	5.513
cnst	205.859	6.973
poly1	206.587	6.886
poly2	208.571	6.880
exp2	208.577	6.883
exp4	208.597	6.888
pow	209.801	6.946
hill	210.269	6.853
exp5	210.269	6.853
exp3	210.552	6.877

Flags(1): No median responses above baseline (3*bmad)

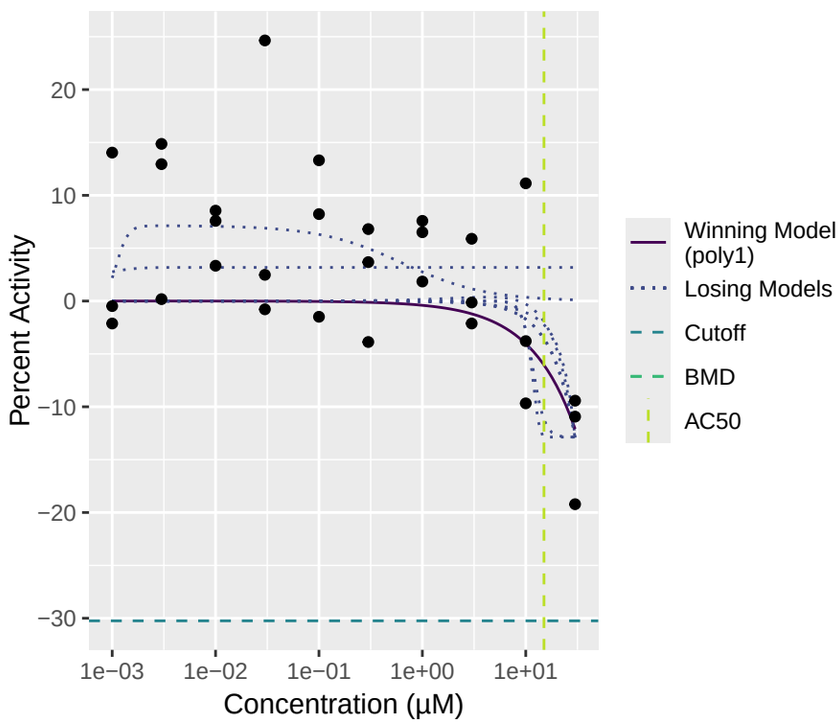
DTXSID7034549 1−Methyl−2−nitro−3−((tetrahydrofuran−3−yl)methyl)guanidine
SPID:EPAPLT0167H01 AEID:3069 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981390



Hitcall	BMD	AC50
−4.5e−08	NA	1.6e−04
model	**aic**	**rme**
gnls	229.666	8.659
exp4	233.910	10.132
exp5	235.911	10.136
cnst	248.452	14.090
hill	248.559	12.613
poly2	249.758	13.566
pow	250.238	13.485
poly1	250.347	14.082
exp2	251.871	14.004
exp3	253.869	14.004

Flags(2): Gain AC50 < lowest conc & loss AC50 < mean conc;
No median responses above baseline (3*bmad)

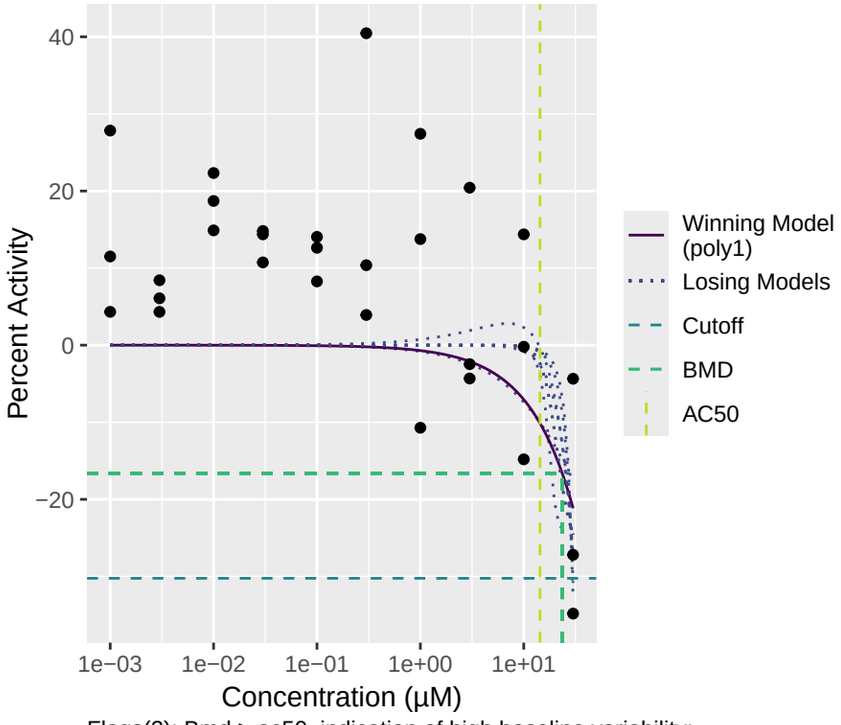
DTXSID7027205 Octamethylcyclotetrasiloxane
SPID:EPAPLT0167H03 AEID:3070 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981651



Hitcall	BMD	AC50
9.1e−07	41.275	15.000
model	**aic**	**rme**
poly1	216.692	8.490
poly2	217.930	8.344
pow	217.988	8.370
exp2	218.096	8.369
hill	219.895	8.383
exp5	219.895	8.383
exp3	219.997	8.371
gnls	221.521	7.764
cnst	222.265	9.345
exp4	222.396	8.862

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

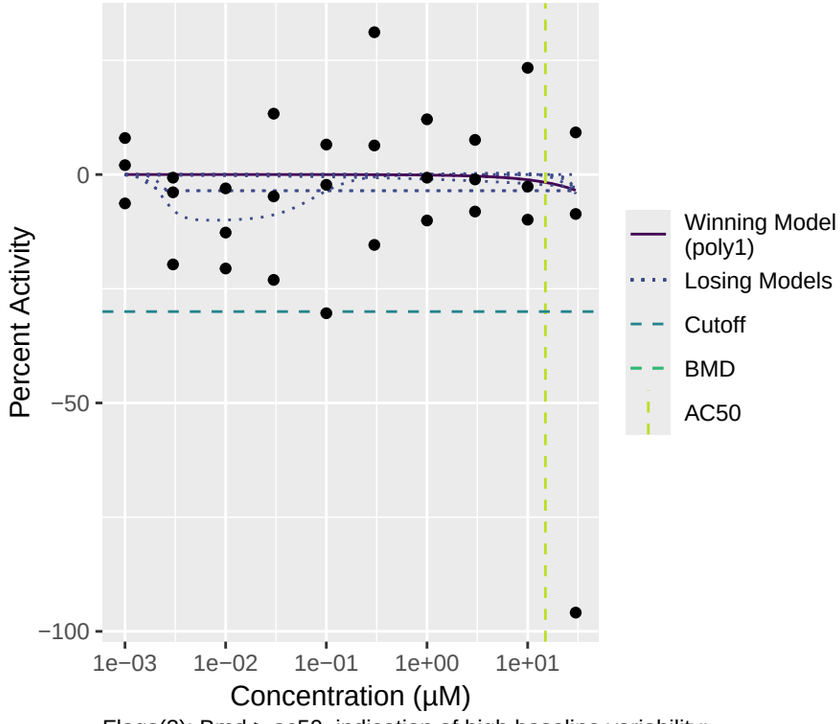
DTXSID7034549 1−Methyl−2−nitro−3−((tetrahydrofuran−3−yl)methyl)guanidine
SPID:EPAPLT0167H01 AEID:3070 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981649



Hitcall	BMD	AC50
0.050	23.597	14.354
model	**aic**	**rme**
poly1	257.470	15.869
poly2	258.004	15.486
exp2	258.300	15.584
pow	258.301	15.584
cnst	259.679	17.074
exp4	259.984	15.981
hill	260.296	15.583
exp3	260.296	15.583
exp5	260.296	15.583
gnls	264.296	15.583

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

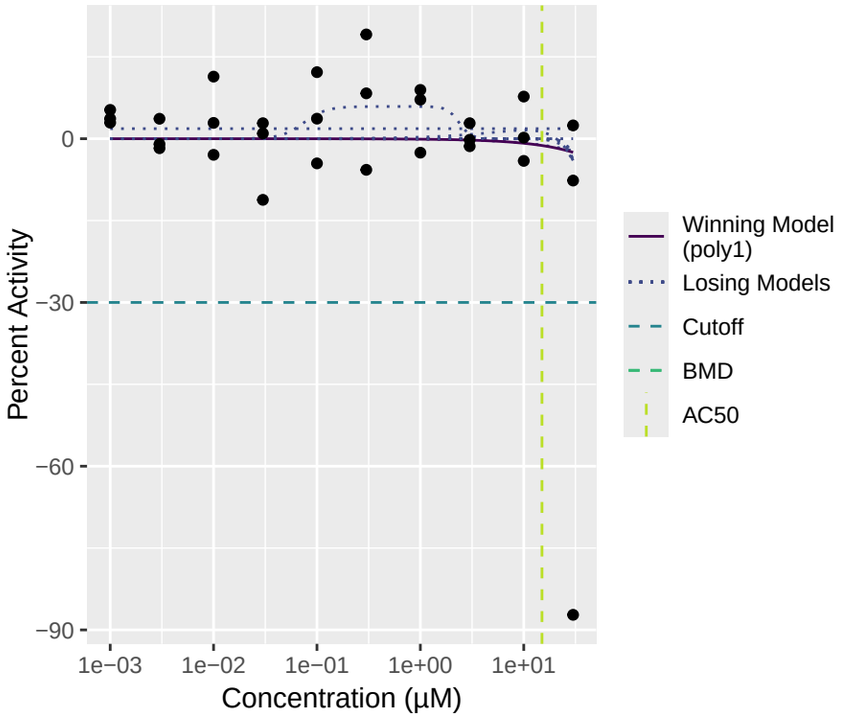
DTXSID2039336 S−Bioallethrin
SPID:EPAPLT0167H05 AEID:2777 AENM:CCTE_Mundy_HCI_Cortical_NOG_BPC...
M4ID:12977152



Hitcall	BMD	AC50
0.001	144.361	15.000
model	**aic**	**rme**
cnst	257.203	21.934
poly1	259.052	21.479
pow	260.991	21.571
exp2	261.012	21.361
poly2	261.013	21.357
exp4	261.057	21.500
exp5	261.518	21.301
hill	261.527	21.302
gnls	262.966	21.343
exp3	263.011	21.354

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

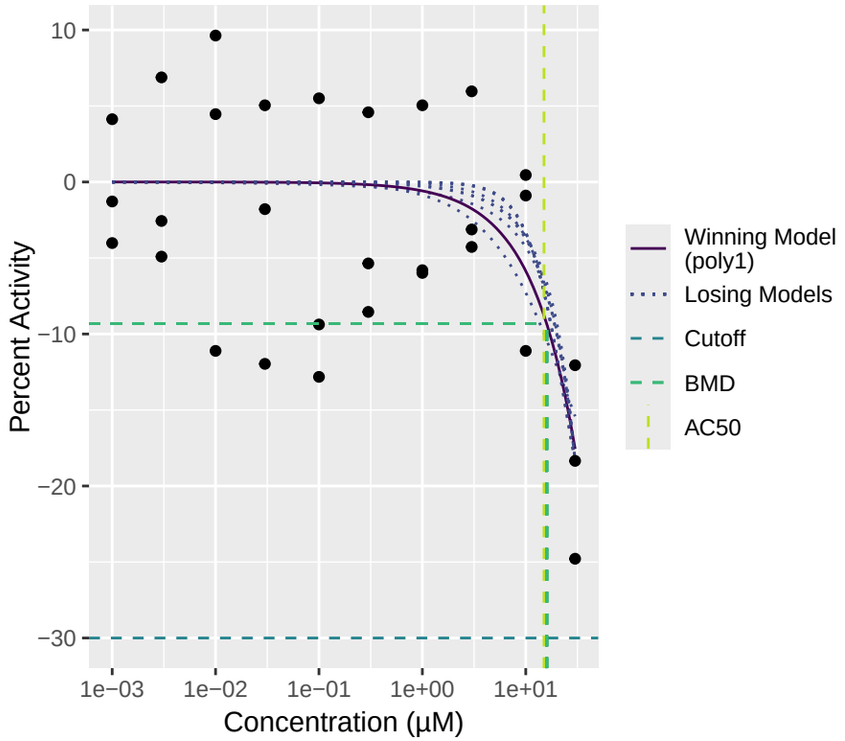
DTXSID2039336 S−Bioallethrin
SPID:EPAPLT0167H05 AEID:2778 AENM:CCTE_Mundy_HCI_Cortical_NOG_Neu...
M4ID:12976879



Hitcall	BMD	AC50
1.4e−08	97.443	15.000
model	**aic**	**rme**
cnst	220.142	17.220
poly1	221.831	16.800
poly2	223.202	16.501
exp2	223.478	16.542
pow	223.479	16.540
hill	223.860	17.404
exp4	223.861	16.849
exp3	225.476	16.534
exp5	225.476	16.535
gnls	225.835	16.980

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

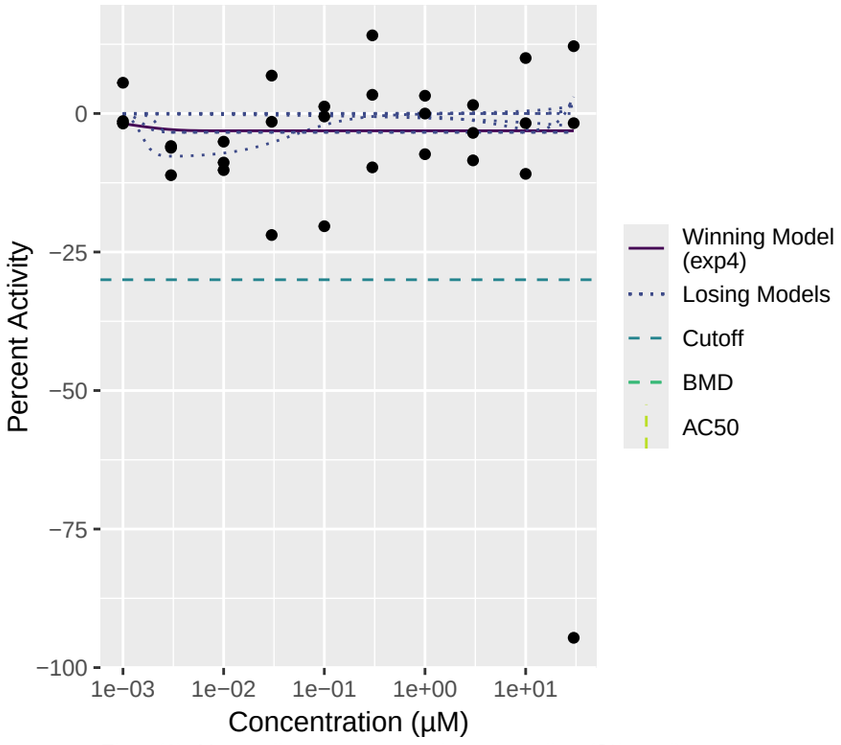
DTXSID2039336 S−Bioallethrin
SPID:EPAPLT0167H05 AEID:3068 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981135



Hitcall	BMD	AC50
7.8e−05	15.914	15.000
model	**aic**	**rme**
poly1	205.396	6.460
exp2	206.987	6.428
poly2	207.011	6.429
pow	207.101	6.437
exp4	208.519	6.588
exp3	208.778	6.398
exp5	209.161	6.444
hill	209.167	6.445
gnls	213.167	6.444
cnst	218.062	8.766

Flags(1): Bmd > ac50, indication of high baseline variability

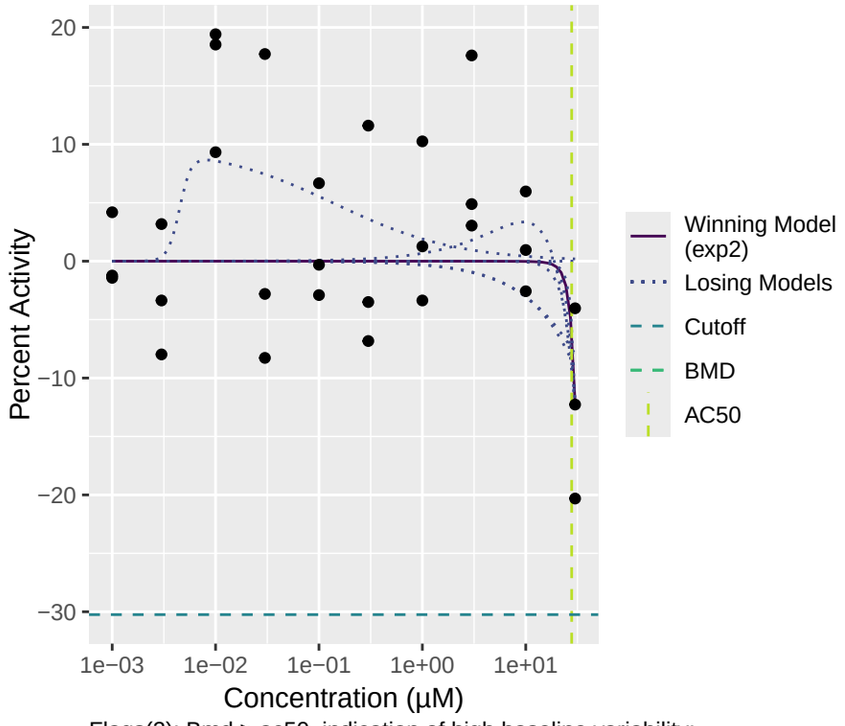
DTXSID2039336 S−Bioallethrin
SPID:EPAPLT0167H05 AEID:2779 AENM:CCTE_Mundy_HCI_Cortical_NOG_Neu...
M4ID:12976576



Hitcall	BMD	AC50
0.000	NA	0.001
model	**aic**	**rme**
cnst	235.322	19.295
exp4	236.027	18.574
poly1	237.275	19.499
exp5	237.538	18.508
hill	237.555	18.509
gnls	237.991	18.838
poly2	238.750	19.771
pow	239.016	18.923
exp2	239.122	19.741
exp3	241.121	19.749

Flags(1): No median responses above baseline (3*bmad)

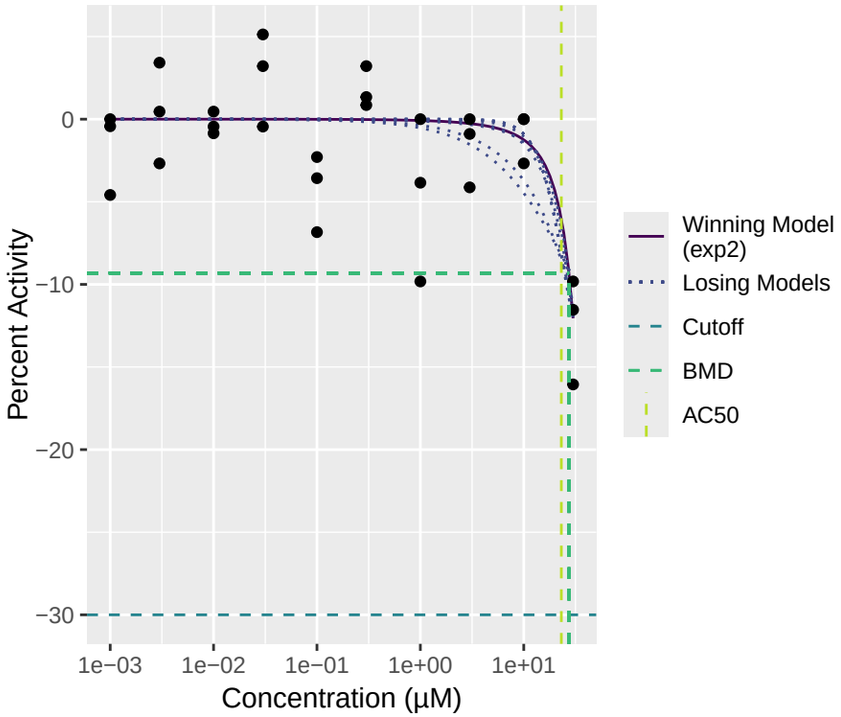
DTXSID5047037 Tembotrione
SPID:EPAPLT0167H07 AEID:3070 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981655



Hitcall	BMD	AC50
1.4e−05	30.978	27.809
model	**aic**	**rme**
poly2	218.678	8.365
exp2	219.924	8.540
pow	219.934	8.541
poly1	220.264	8.804
cnst	221.856	9.371
exp5	221.919	8.539
exp3	221.920	8.540
exp4	222.686	8.860
gnls	227.247	8.457
hill	227.857	9.371

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

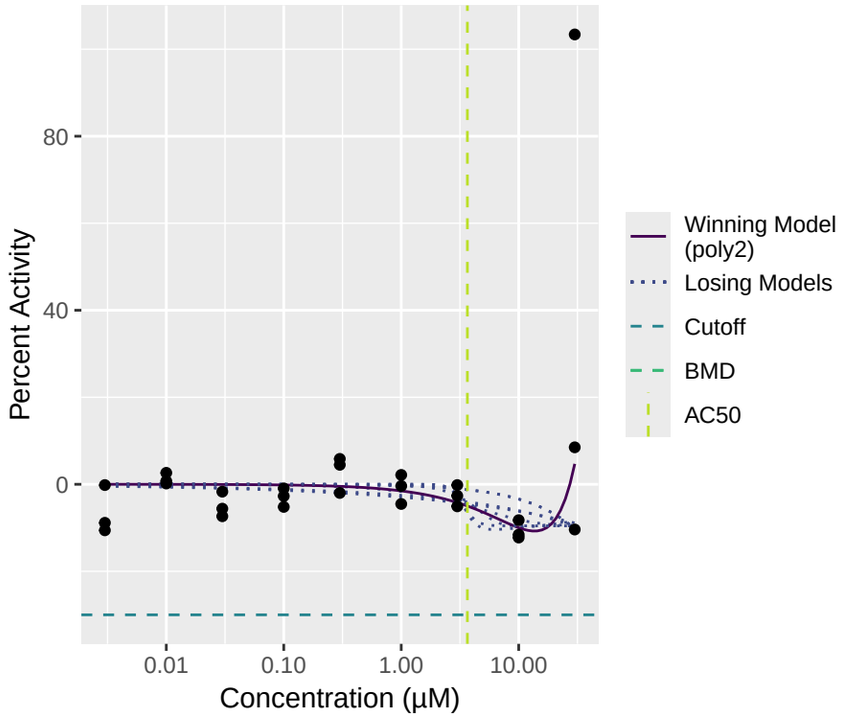
DTXSID8037706 Potassium perfluorooctanesulfonate
SPID:EPAPLT0167H09 AEID:3068 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981139



Hitcall	BMD	AC50
7.4e−13	27.381	23.080
model	**aic**	**rme**
exp2	159.154	3.198
pow	159.436	3.216
poly2	159.452	3.212
poly1	160.073	3.281
exp3	161.086	3.191
exp5	161.490	3.218
hill	161.494	3.219
exp4	165.383	3.431
gnls	165.494	3.219
cnst	179.186	5.097

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

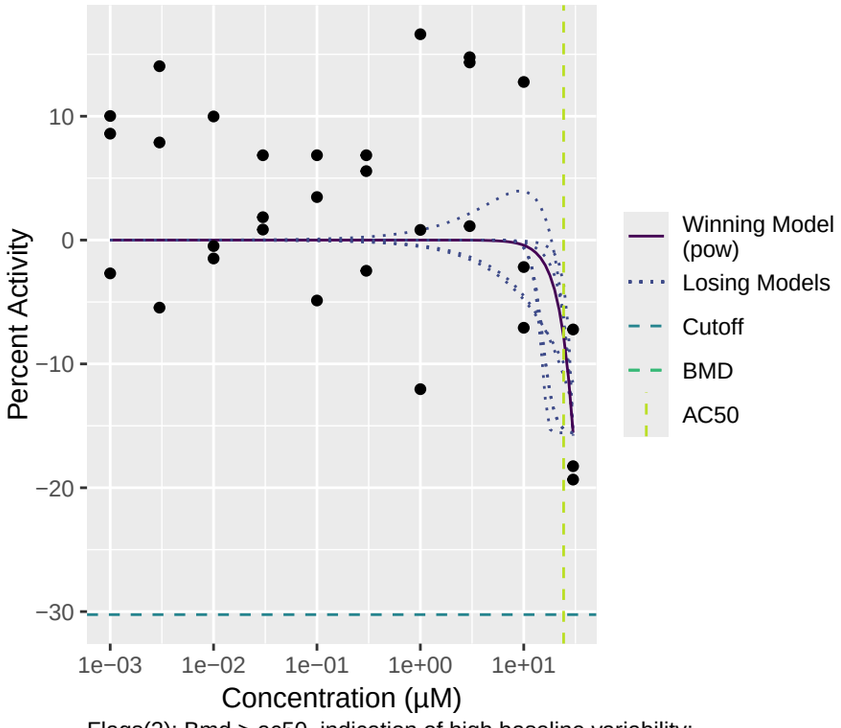
DTXSID4028880 Triphenyl phosphates isopropylated
SPID:EPAPLT0169A03 AEID:2783 AENM:CCTE_Mundy_HCI_Cortical_Synap_N...
M4ID:12978926



Hitcall	BMD	AC50
0.000	NA	3.658
model	**aic**	**rme**
poly2	192.513	19.644
exp4	195.477	22.374
exp5	195.967	22.371
hill	196.001	22.372
pow	197.088	22.282
poly1	199.101	22.648
exp3	199.227	22.466
gnls	199.446	22.138
cnst	199.780	20.780
exp2	201.107	22.647

Flags(2): Model directionality questionable;
Inactive with multiple concs above baseline (3*bmad)

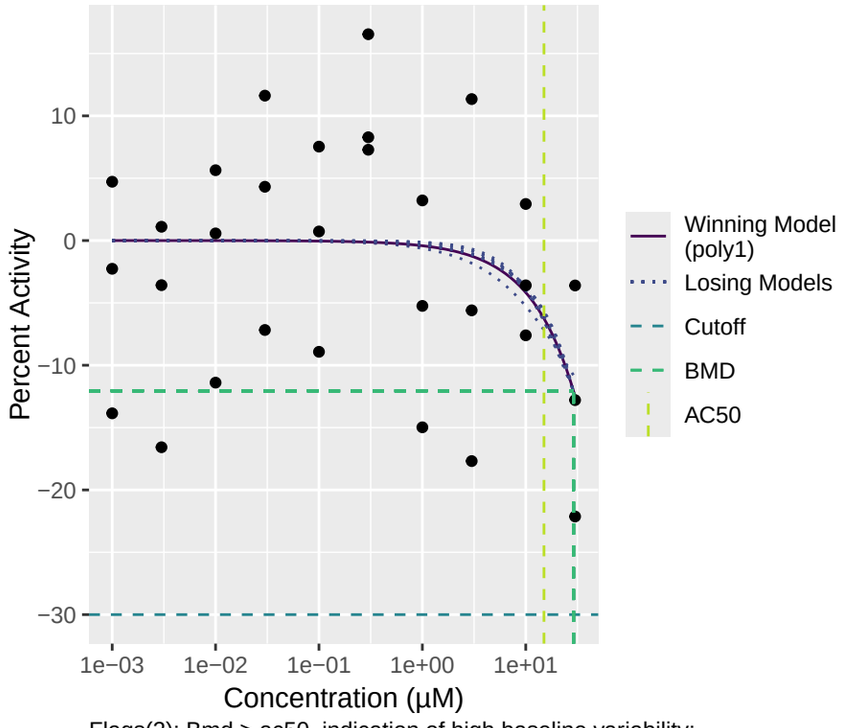
DTXSID8037706 Potassium perfluorooctanesulfonate
SPID:EPAPLT0167H09 AEID:3070 AENM:CCTE_Mundy_HCI_iCellGluta_NOG_N...
M4ID:12981657



Hitcall	BMD	AC50
9.2e−05	30.625	24.298
model	**aic**	**rme**
poly2	218.074	7.825
pow	219.081	8.062
exp2	219.089	8.056
poly1	219.122	8.445
hill	221.073	8.065
exp5	221.073	8.065
exp3	221.081	8.059
exp4	222.009	8.558
cnst	223.845	9.336
gnls	225.073	8.065

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

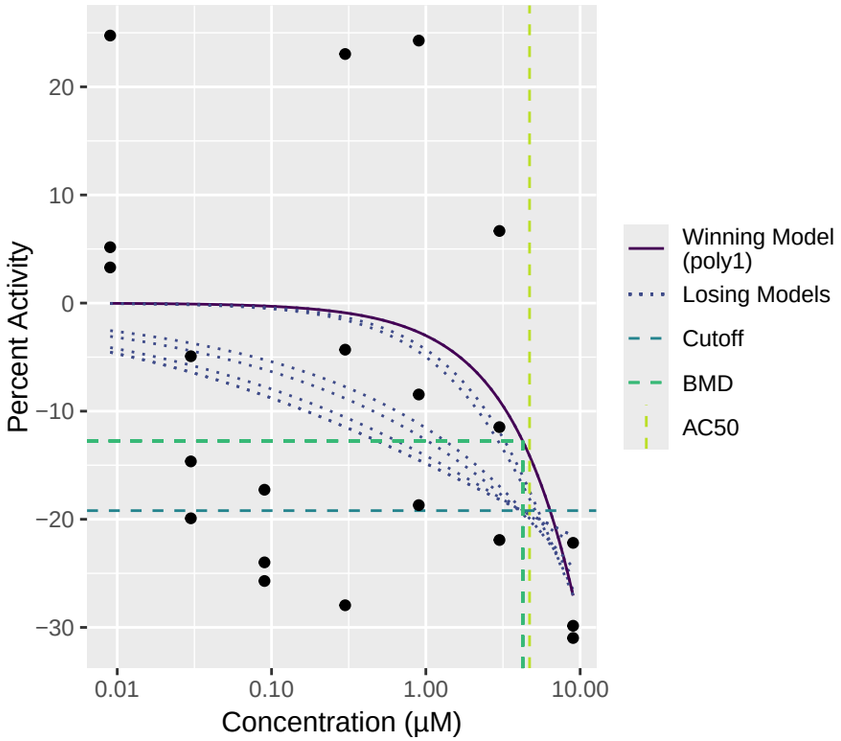
DTXSID1025300 2−Ethylhexyl diphenyl phosphate
SPID:EPAPLT0169D05 AEID:2779 AENM:CCTE_Mundy_HCI_Cortical_NOG_Neu...
M4ID:12976585



Hitcall	BMD	AC50
5.2e−05	28.931	14.999
model	**aic**	**rme**
poly1	223.155	8.844
exp2	225.142	8.845
poly2	225.143	8.845
pow	225.153	8.846
exp4	225.364	8.867
cnst	226.854	9.812
exp3	227.131	8.842
hill	227.231	8.861
exp5	227.253	8.866
gnls	231.231	8.861

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

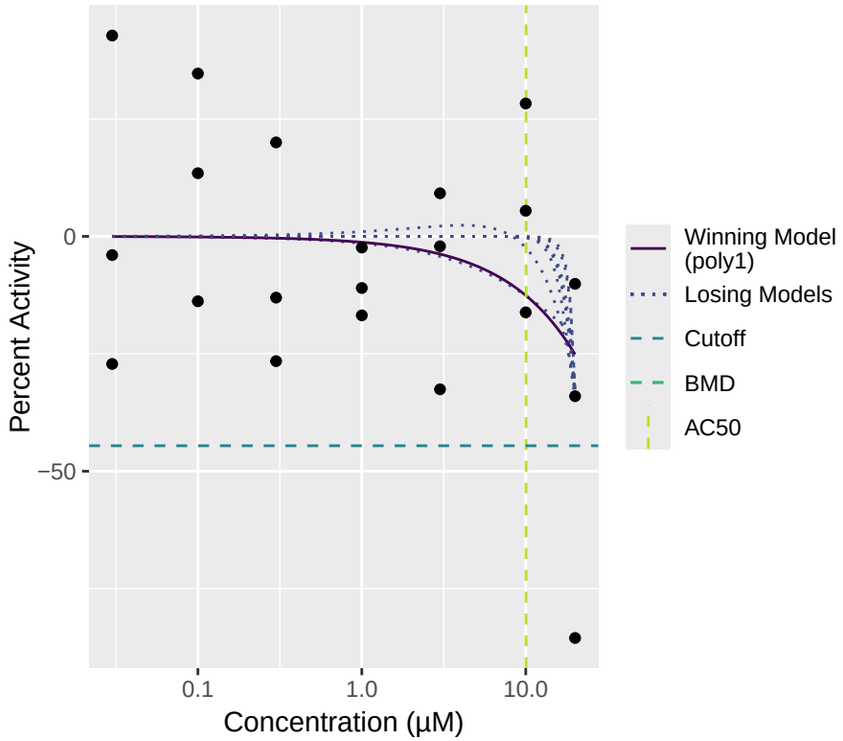
DTXSID40880040 1−Methyl−4−phenylpyridinium iodide
SPID:EX000279 AEID:2530 AENM:CCTE_Shafer_MEA_dev_AB
M4ID:12951757



Hitcall	BMD	AC50
0.836	4.240	4.700
model	**aic**	**rme**
poly1	183.473	16.298
pow	183.502	16.256
exp4	185.357	16.337
poly2	185.359	16.311
exp2	185.474	16.298
exp3	185.522	16.155
exp5	185.718	16.460
hill	185.745	16.580
gnls	189.745	16.580
cnst	190.486	19.712

Flags(1): Inactive with multiple concs above baseline (3*bmad)

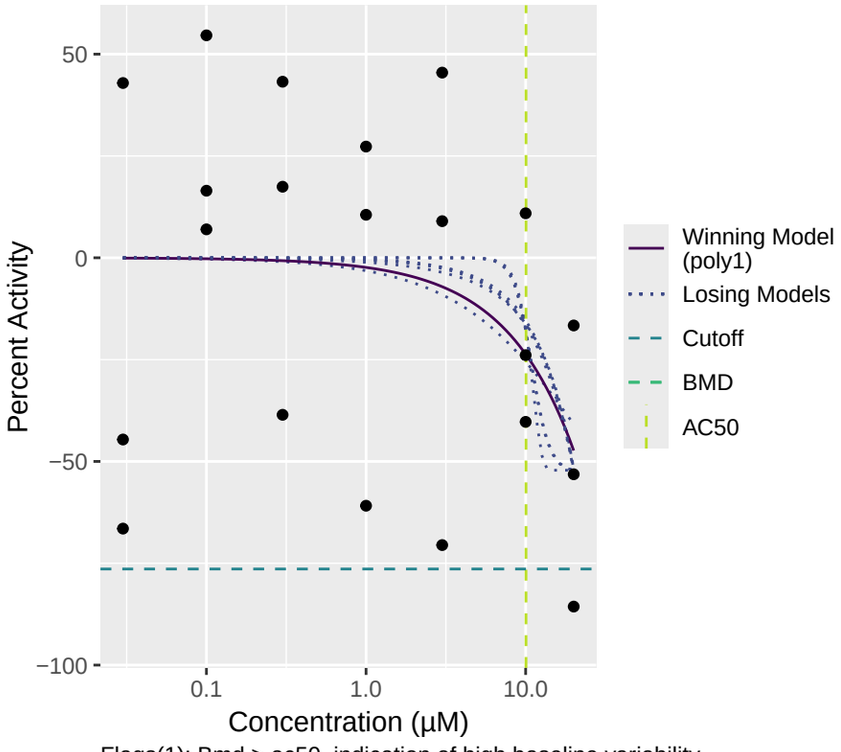
DTXSID6024701 tert−Butylphenyl diphenyl phosphate
SPID:EX000355 AEID:2514 AENM:CCTE_Shafer_MEA_dev_spike_duration_mean
M4ID:12947111



Hitcall	BMD	AC50
0.029	25.837	10.050
model	**aic**	**rme**
poly1	199.076	24.613
exp2	199.415	23.134
pow	199.428	23.142
poly2	200.042	23.584
cnst	200.499	28.163
exp3	201.418	23.136
exp4	201.418	25.031
hill	201.427	23.144
exp5	201.435	23.154
gnls	205.427	23.144

Flags(1): Bmd > ac50, indication of high baseline variability

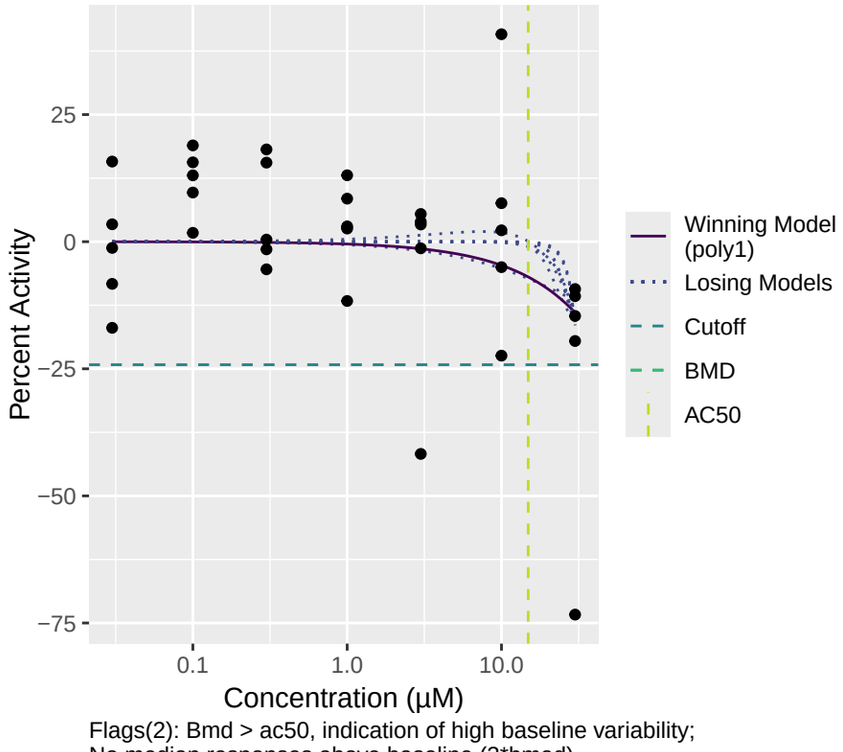
DTXSID6024701 tert−Butylphenyl diphenyl phosphate
SPID:EX000355 AEID:2510 AENM:CCTE_Shafer_MEA_dev_network_spike_nu...
M4ID:12945937



Hitcall	BMD	AC50
0.031	39.431	10.050
model	**aic**	**rme**
poly1	219.748	38.242
pow	221.472	38.163
poly2	221.495	38.171
exp2	221.524	38.149
exp4	222.098	38.496
cnst	222.836	43.451
hill	223.424	38.207
exp5	223.424	38.207
exp3	223.484	38.158
gnls	227.424	38.207

Flags(1): Bmd > ac50, indication of high baseline variability

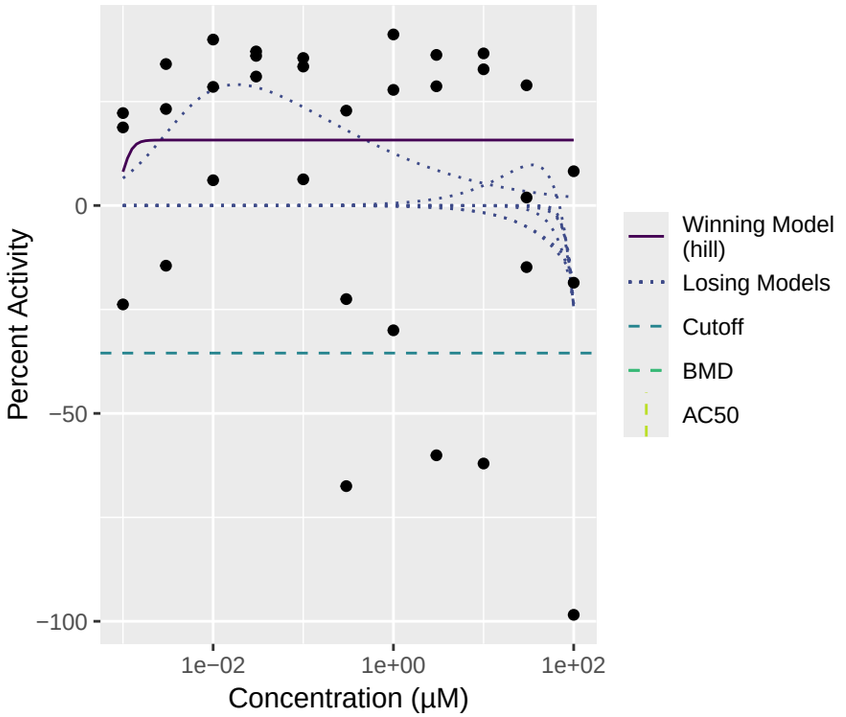
DTXSID1021952 Triphenyl phosphate
SPID:EX000360 AEID:2529 AENM:CCTE_Shafer_MEA_dev_LDH
M4ID:12951223



Hitcall	BMD	AC50
0.009	38.507	14.900
model	**aic**	**rme**
poly1	293.897	17.252
poly2	294.466	16.866
exp2	294.701	16.883
pow	294.708	16.889
exp4	296.689	17.543
hill	296.698	16.878
exp3	296.698	16.878
exp5	296.698	16.878
cnst	298.227	19.061
gnls	300.700	16.881

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

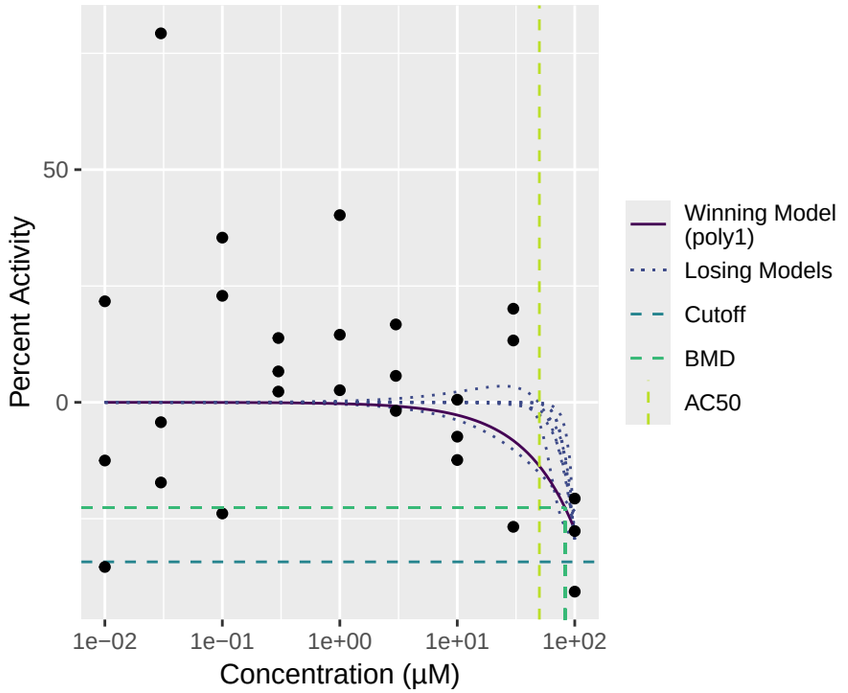
DTXSID3045437 Terbutaline hemisulfate
SPID:EX000393 AEID:2797 AENM:CCTE_Mundy_HCI_hNP1_Pro_ResponderAvg...
M4ID:12980298



Hitcall	BMD	AC50
−7.9e−05	NA	0.001
model	**aic**	**rme**
cnst	335.885	36.485
hill	336.281	37.081
gnls	336.522	34.594
poly1	337.224	35.410
poly2	338.416	34.954
exp2	338.788	35.020
pow	338.810	35.022
exp4	339.298	35.537
exp5	340.774	35.000
exp3	340.775	34.994

Flags(2): Noisy data;
No median responses above baseline (3*bmad)

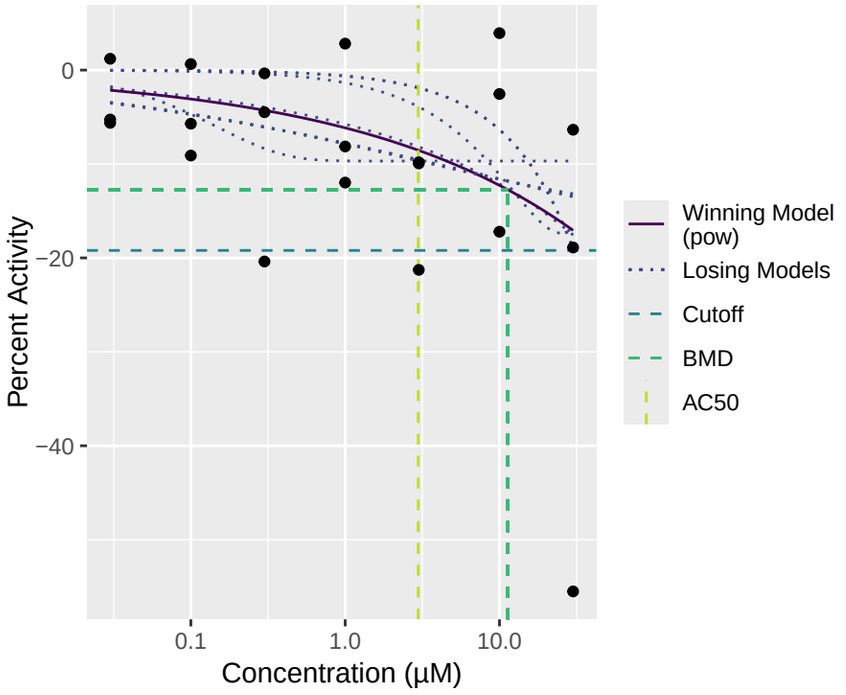
DTXSID4034150 Haloperidol
SPID:EX000410 AEID:2782 AENM:CCTE_Mundy_HCI_Cortical_Synap_Neur_M...
M4ID:12977867



Hitcall	BMD	AC50
0.125	82.576	50.000
model	**aic**	**rme**
poly1	248.759	23.765
poly2	249.794	23.533
pow	249.870	23.521
exp2	249.871	23.521
exp4	251.431	23.962
hill	251.832	23.516
exp3	251.832	23.516
exp5	251.832	23.516
cnst	252.676	25.511
gnls	255.841	23.517

Flags(3): Model directionality questionable;
Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

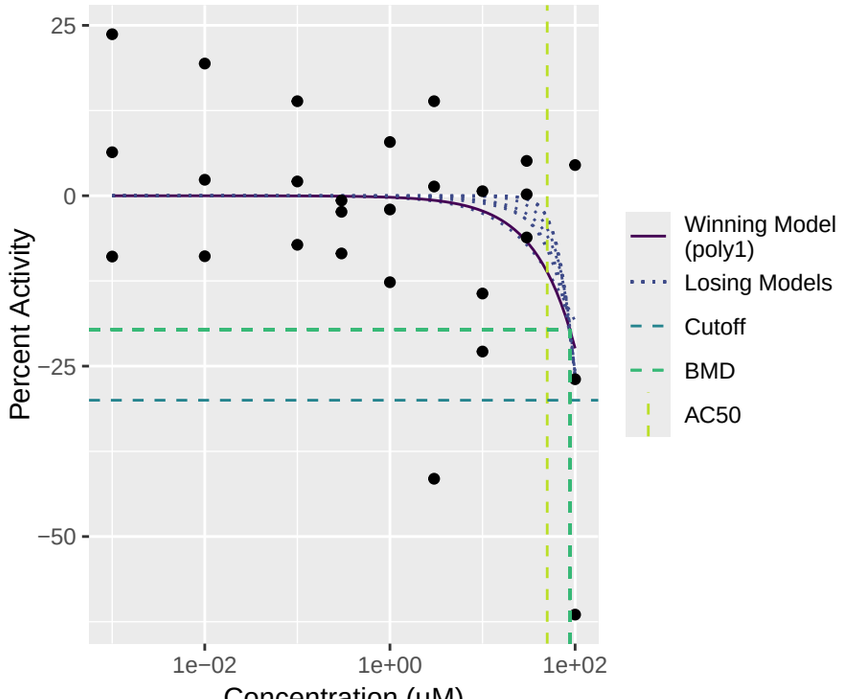
DTXSID4034150 Haloperidol
SPID:EX000410 AEID:2530 AENM:CCTE_Shafer_MEA_dev_AB
M4ID:12951832



Hitcall	BMD	AC50
0.200	11.344	2.976
model	**aic**	**rme**
pow	161.329	11.182
exp4	161.397	12.140
hill	162.462	11.531
exp5	162.494	11.573
exp3	163.764	11.160
poly1	165.955	12.010
gnls	166.462	11.520
poly2	167.254	12.136
exp2	167.958	12.008
cnst	171.674	15.847

Flags(3): Bmd > ac50, indication of high baseline variability;
Borderline;
No median responses above baseline (3*bmad)

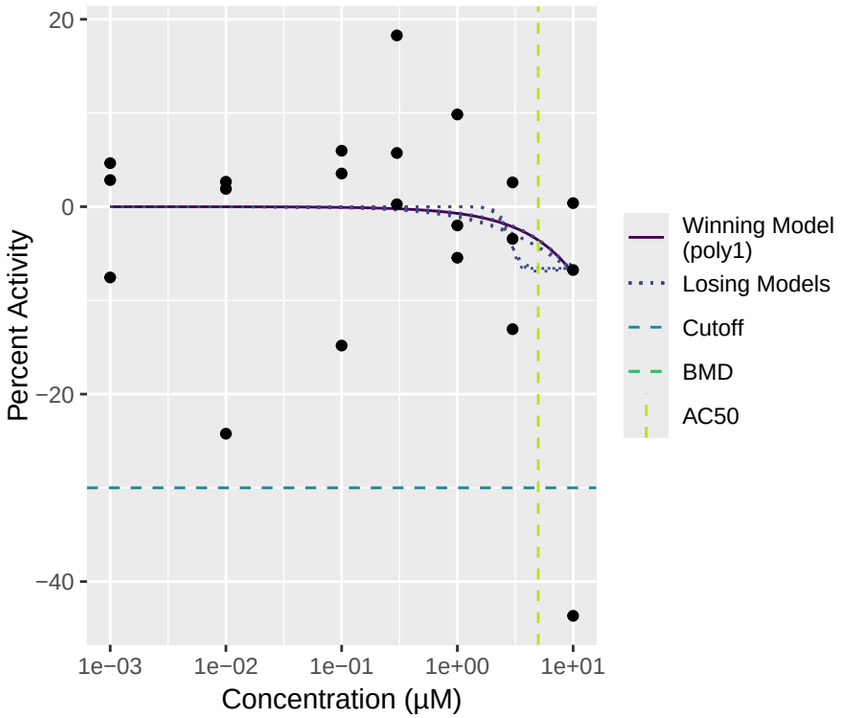
DTXSID1020930 (−)−Nicotine
SPID:EX000416 AEID:2780 AENM:CCTE_Mundy_HCI_Cortical_NOG_NeuronCount
M4ID:12976424



Hitcall	BMD	AC50
0.093	87.641	50.000
model	**aic**	**rme**
poly1	227.593	15.651
cnst	229.093	18.184
exp2	229.165	15.575
poly2	229.256	15.592
pow	229.281	15.620
exp4	229.947	15.854
exp3	231.121	15.545
hill	231.283	15.622
exp5	231.284	15.622
gnls	235.284	15.622

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

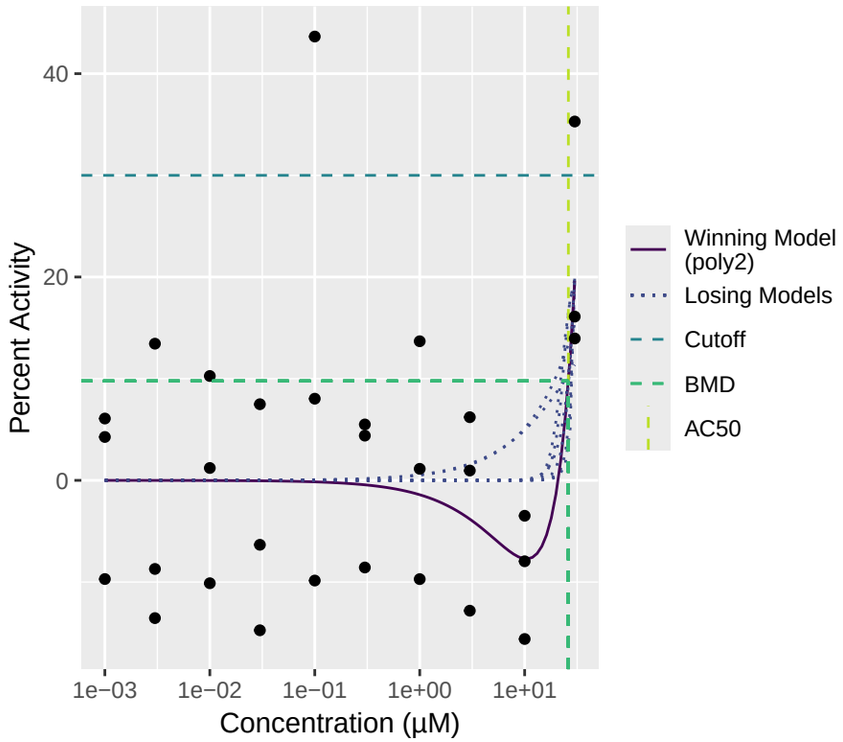
DTXSID9020794 Maneb
SPID:EX000418 AEID:2779 AENM:CCTE_Mundy_HCI_Cortical_NOG_NeuriteL...
M4ID:12976729



Hitcall	BMD	AC50
1.1e−04	16.869	5.000
model	**aic**	**rme**
cnst	163.657	13.075
poly1	163.898	11.947
poly2	165.870	11.987
exp4	165.894	12.047
pow	165.896	11.939
exp2	165.899	11.947
hill	167.558	11.947
exp5	167.558	11.947
exp3	167.900	11.955
gnls	171.558	11.947

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

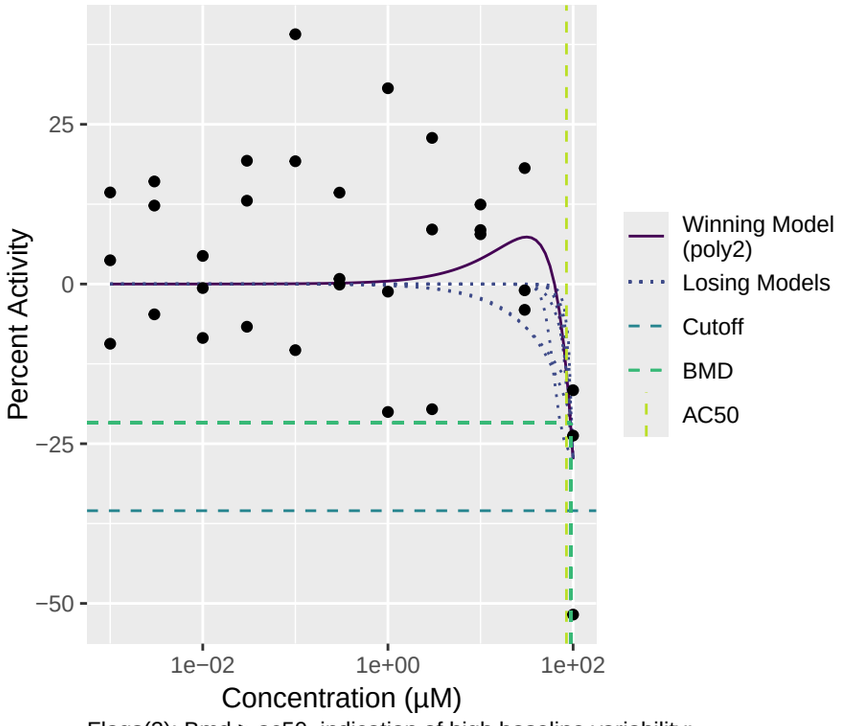
DTXSID8020381 Deltamethrin
SPID:EX000423 AEID:2793 AENM:CCTE_Mundy_HCI_hNP1_Casp3_7
M4ID:12975792



Hitcall	BMD	AC50
0.009	26.073	26.095
model	**aic**	**rme**
poly2	235.866	11.822
exp2	238.191	12.103
pow	238.243	12.112
poly1	240.066	12.753
exp3	240.184	12.103
hill	240.186	12.103
exp5	240.204	12.116
cnst	242.897	13.914
exp4	243.288	12.997
gnls	244.202	12.107

Flags(0): None

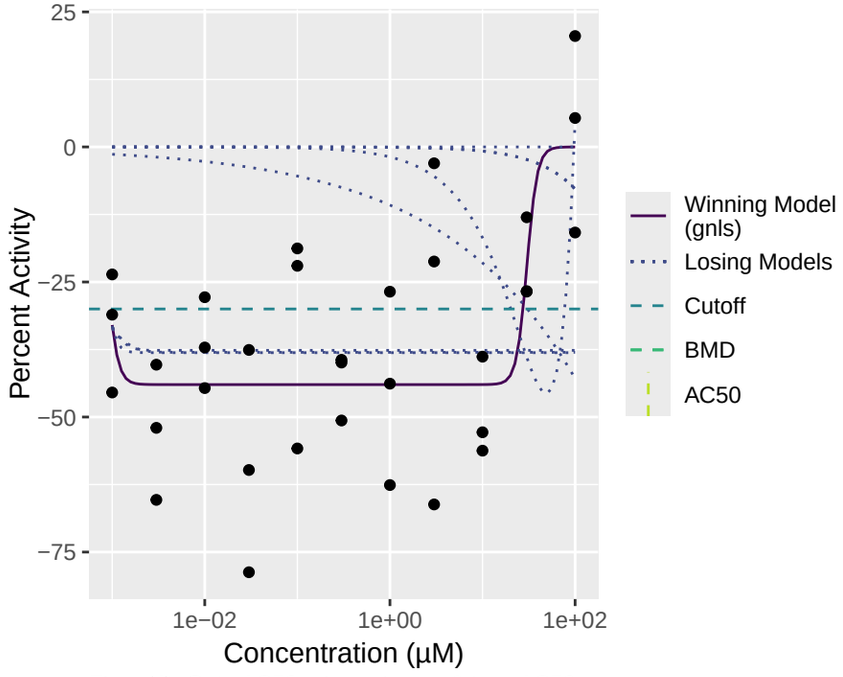
DTXSID7020182 Bisphenol A
SPID:EX000420 AEID:2797 AENM:CCTE_Mundy_HCI_hNP1_Pro_ResponderAvg...
M4ID:12980317



Hitcall	BMD	AC50
0.054	94.124	84.818
model	**aic**	**rme**
poly2	278.189	14.617
exp2	279.643	14.887
pow	279.650	14.889
poly1	280.458	15.542
hill	281.628	14.882
exp3	281.628	14.882
exp5	281.628	14.882
exp4	283.685	15.907
cnst	284.261	17.495
gnls	285.640	14.894

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

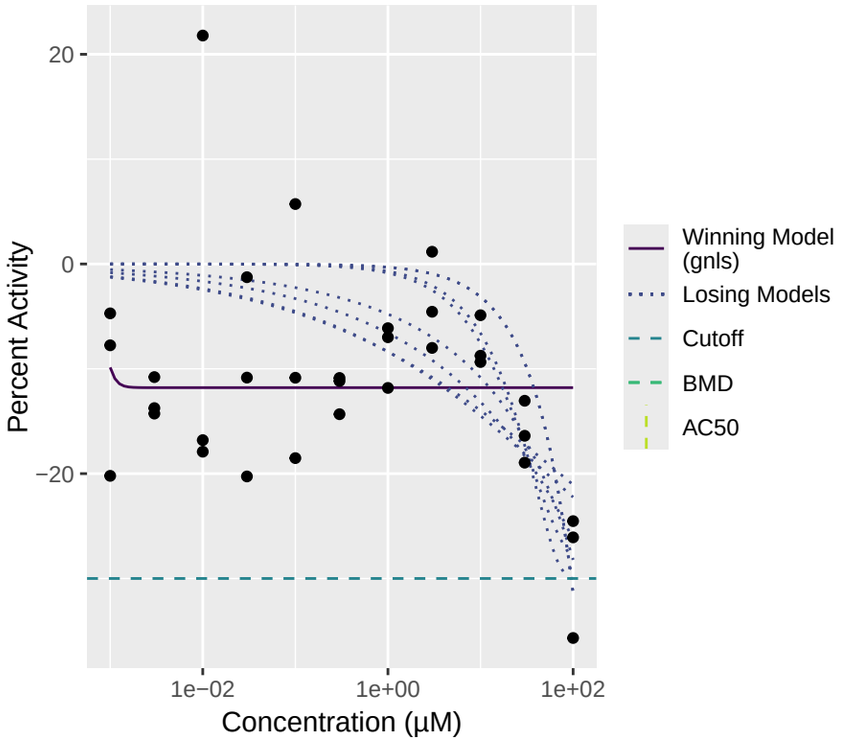
DTXSID5051446 6−aminopyridine−3−carboxamide
SPID:EX000424 AEID:2792 AENM:CCTE_Mundy_HCI_hN2_NOG_NeuronCount
M4ID:12975893



Hitcall	BMD	AC50
1.000	NA	0.001
model	**aic**	**rme**
gnls	289.871	15.899
exp4	302.017	21.239
hill	303.999	21.239
exp5	309.196	21.216
pow	345.622	38.320
poly2	347.691	39.684
cnst	347.929	42.046
poly1	349.785	41.954
exp2	351.790	41.957
exp3	353.929	42.046

Flags(4): Gain AC50 < lowest conc & loss AC50 < mean conc;
Efficacy < 50%;
AC50 < lowest concentration tested;
No median responses above baseline (3*bmad)

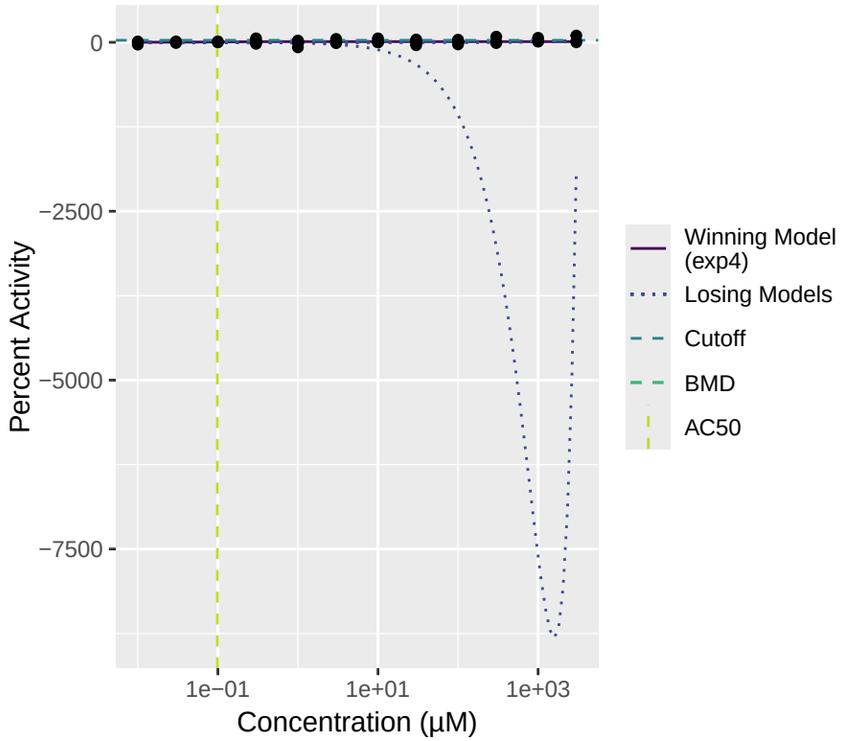
DTXSID5051446 6−aminopyridine−3−carboxamide
SPID:EX000424 AEID:2793 AENM:CCTE_Mundy_HCI_hNP1_Casp3_7
M4ID:12975793



Hitcall	BMD	AC50
0.000	NA	0.001
model	**aic**	**rme**
gnls	251.688	9.919
pow	253.251	9.896
hill	255.469	9.906
exp5	255.641	9.918
exp3	256.030	10.015
exp4	259.865	10.823
poly2	260.084	10.849
poly1	261.181	11.198
exp2	263.194	11.199
cnst	278.266	14.977

Flags(1): Inactive with multiple concs above baseline (3*bmad)

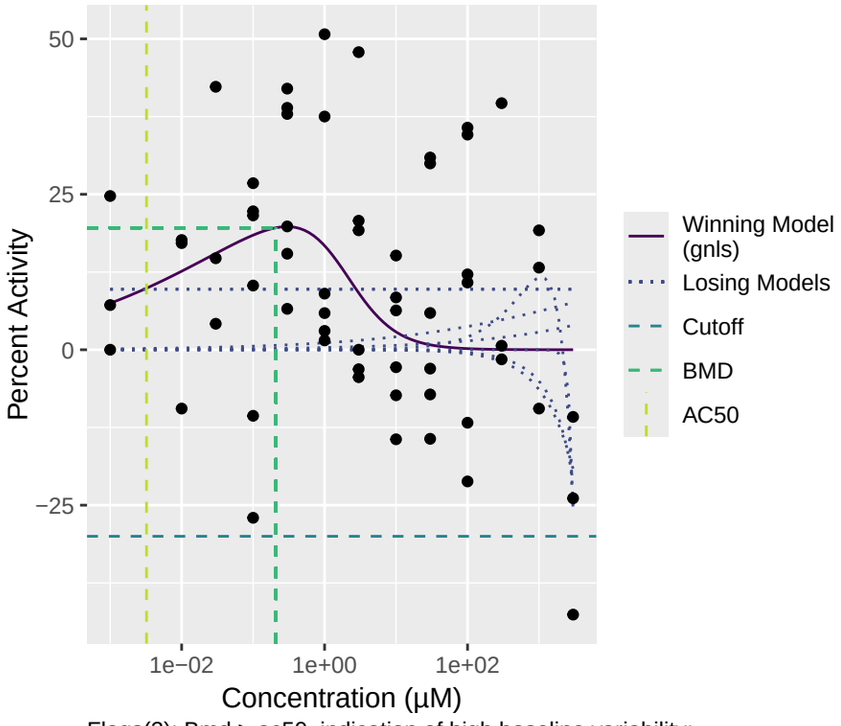
DTXSID5037072 Sodium valproate
SPID:EX000439 AEID:2785 AENM:CCTE_Mundy_HCI_Cortical_Synap_Neur_M...
M4ID:12978484



Hitcall	BMD	AC50
4.5e−10	NA	0.099
model	**aic**	**rme**
exp4	507.546	28.138
hill	509.504	28.123
pow	510.234	27.486
poly1	512.289	28.589
exp3	513.163	27.673
gnls	513.504	28.123
cnst	513.511	30.358
exp2	514.769	28.789
exp5	515.185	28.515
poly2	1.3e+03	2.0e+03

Flags(1): No median responses above baseline (3*bmad)

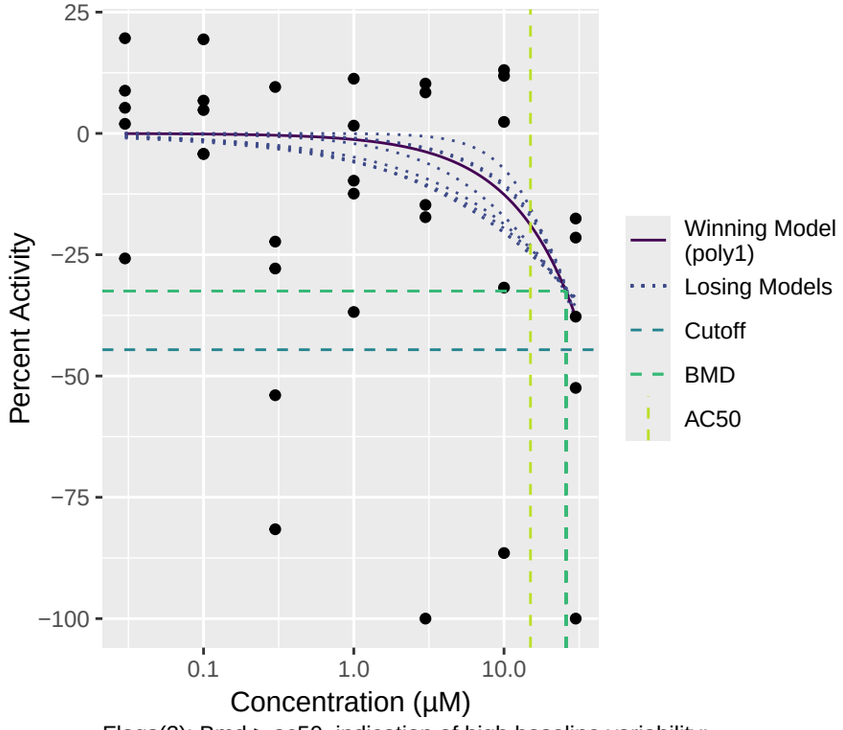
DTXSID5037072 Sodium valproate
SPID:EX000439 AEID:2780 AENM:CCTE_Mundy_HCI_Cortical_NOG_NeuronCount
M4ID:12976439



Hitcall	BMD	AC50
−2.3e−01	0.210	0.003
model	**aic**	**rme**
gnls	537.382	18.820
exp4	538.401	19.740
exp5	540.995	19.739
poly2	545.122	21.085
poly1	546.751	21.697
cnst	547.598	22.147
exp2	548.139	21.599
exp3	548.765	21.385
pow	551.415	22.108
hill	552.618	21.955

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

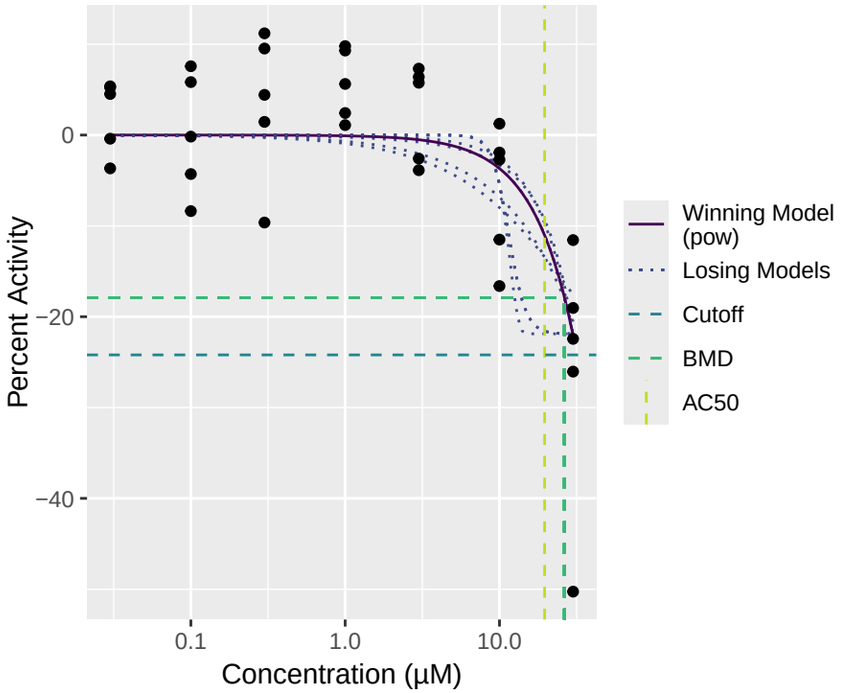
DTXSID9026261 Tris(1,3−dichloro−2−propyl) phosphate
SPID:EX000453 AEID:2514 AENM:CCTE_Shafer_MEA_dev_spike_duration_mean
M4ID:12947167



Hitcall	BMD	AC50
0.181	25.788	15.000
model	**aic**	**rme**
poly1	340.160	32.093
pow	341.818	31.207
exp2	342.136	32.232
poly2	342.142	32.200
exp4	342.449	31.928
exp3	343.829	31.332
hill	344.063	31.275
exp5	344.473	32.661
gnls	348.063	31.283
cnst	348.733	37.320

Flags(2): Bmd > ac50, indication of high baseline variability;
Borderline

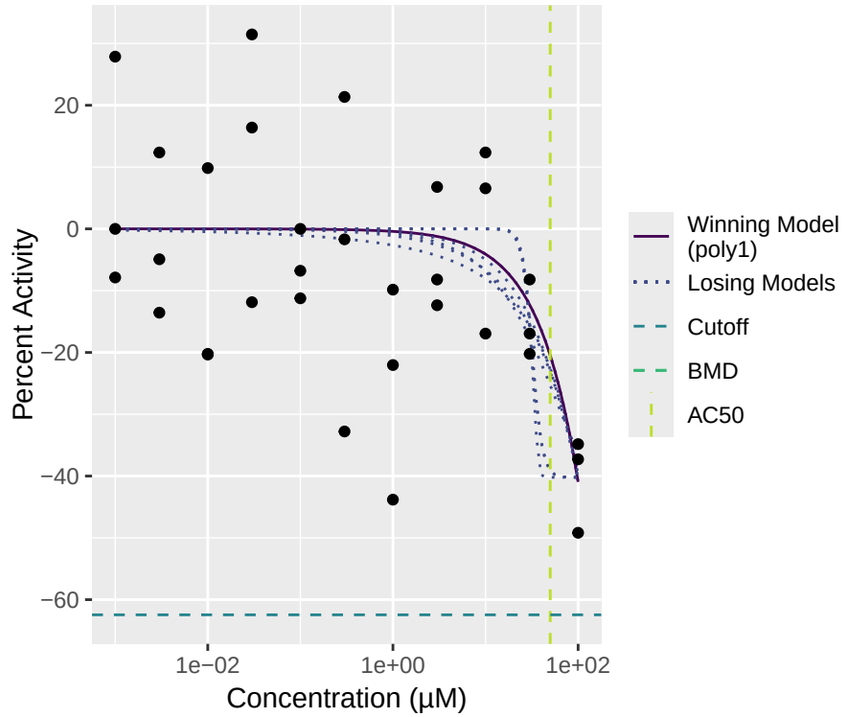
DTXSID9026261 Tris(1,3−dichloro−2−propyl) phosphate
SPID:EX000453 AEID:2529 AENM:CCTE_Shafer_MEA_dev_LDH
M4ID:12951276



Hitcall	BMD	AC50
0.110	26.397	19.611
model	**aic**	**rme**
pow	247.880	7.892
poly2	248.112	7.926
poly1	248.166	8.139
exp2	248.459	7.952
hill	249.137	7.813
exp5	249.137	7.812
exp3	249.887	7.893
exp4	252.856	8.597
gnls	253.137	7.813
cnst	269.374	12.646

Flags(3): Bmd > ac50, indication of high baseline variability; Borderline;
No median responses above baseline (3*bmad)

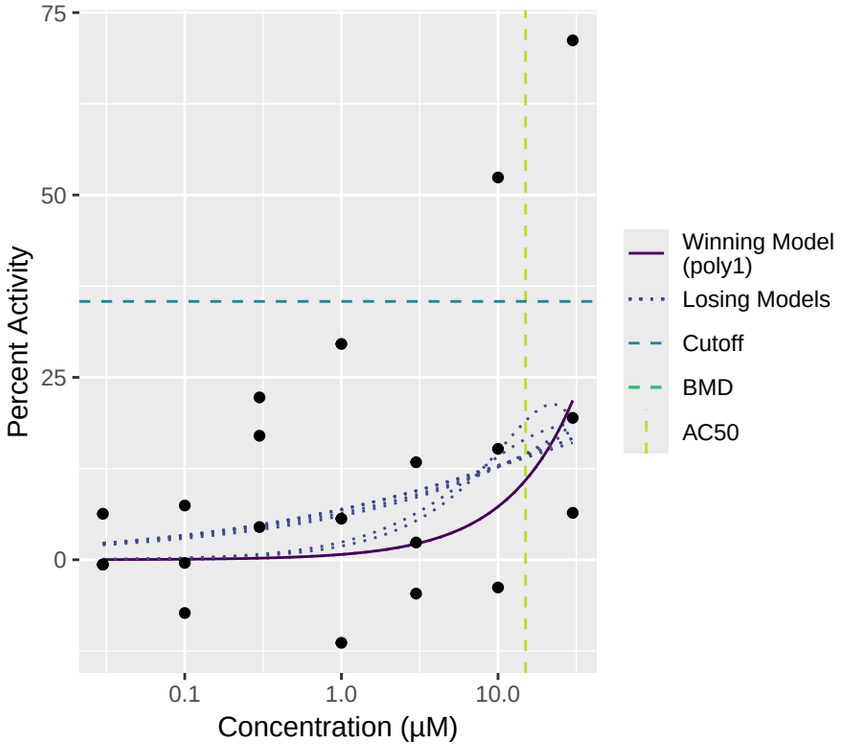
DTXSID5021124 Phenol
SPID:EX000455 AEID:2789 AENM:CCTE_Mundy_HCI_hN2_NOG_BPCount
M4ID:12976159



Hitcall	BMD	AC50
4.3e−04	100.083	50.000
model	**aic**	**rme**
poly1	282.425	16.206
pow	284.205	16.144
poly2	284.325	16.191
exp2	284.430	16.207
exp4	284.869	16.279
exp3	285.563	15.966
hill	286.185	16.209
exp5	286.185	16.209
gnls	290.185	16.209
cnst	297.976	20.788

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

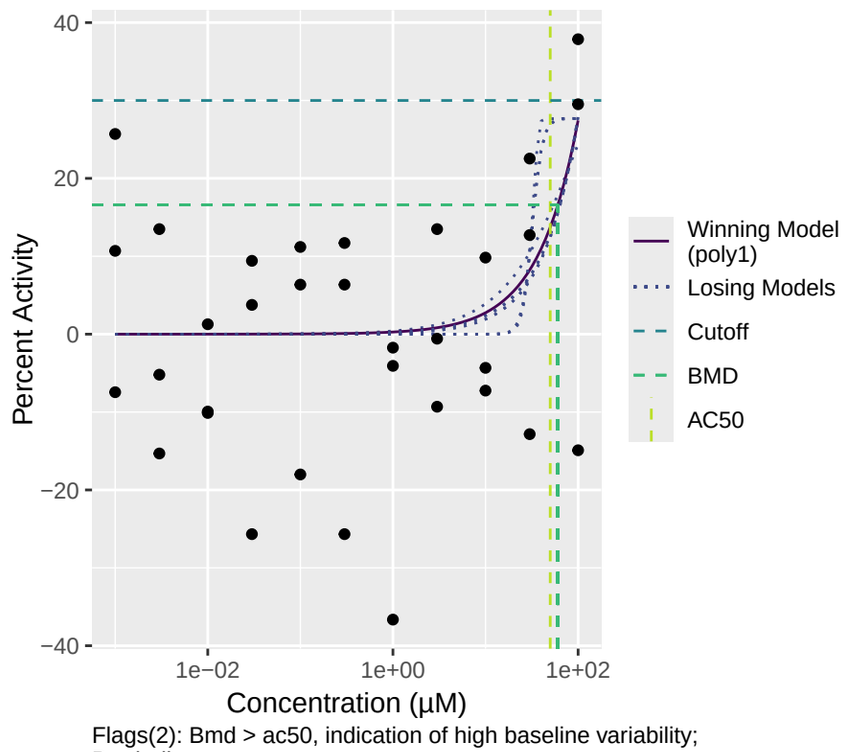
DTXSID5021124 Phenol
SPID:EX000455 AEID:2504 AENM:CCTE_Shafer_MEA_dev_per_burst_spike_...
M4ID:12944234



Hitcall	BMD	AC50
0.037	49.296	15.000
model	**aic**	**rme**
poly1	182.263	18.273
pow	182.308	17.712
exp4	183.383	17.873
poly2	183.424	17.849
exp2	184.268	18.278
exp3	184.318	17.646
hill	184.377	17.832
exp5	184.406	17.917
cnst	186.166	22.547
gnls	188.377	17.835

Flags(1): Bmd > ac50, indication of high baseline variability

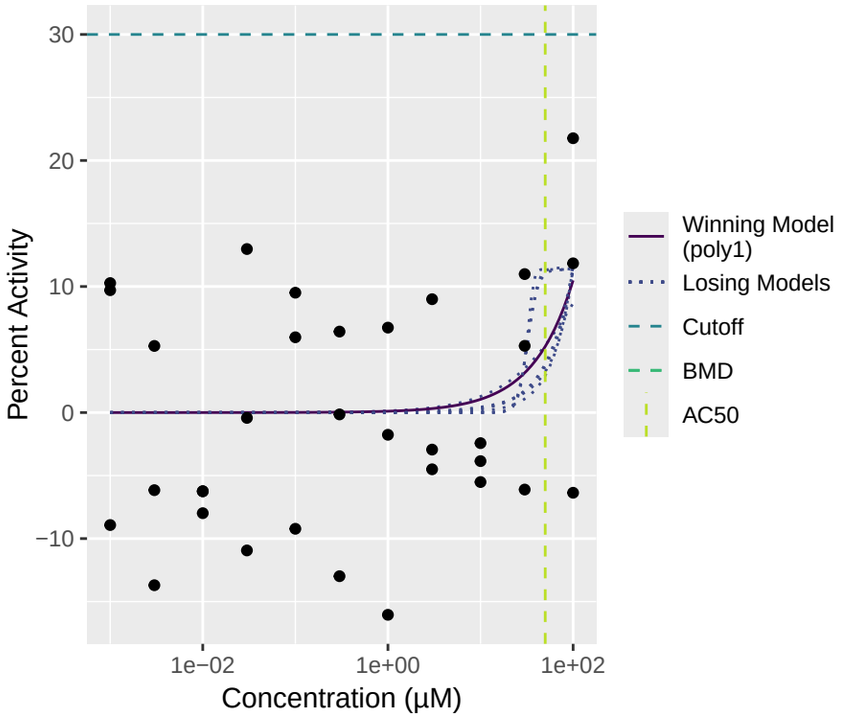
DTXSID2020262 Chloramben
SPID:EX000460 AEID:2777 AENM:CCTE_Mundy_HCI_Cortical_NOG_BPCount
M4ID:12977302



Hitcall	BMD	AC50
0.213	60.517	50.000
model	**aic**	**rme**
poly1	278.736	15.564
pow	280.681	15.569
poly2	280.723	15.572
exp2	280.725	15.567
exp4	281.023	15.475
cnst	281.467	16.262
hill	282.372	15.546
exp5	282.372	15.546
exp3	282.684	15.566
gnls	286.372	15.546

Flags(2): Bmd > ac50, indication of high baseline variability; Borderline

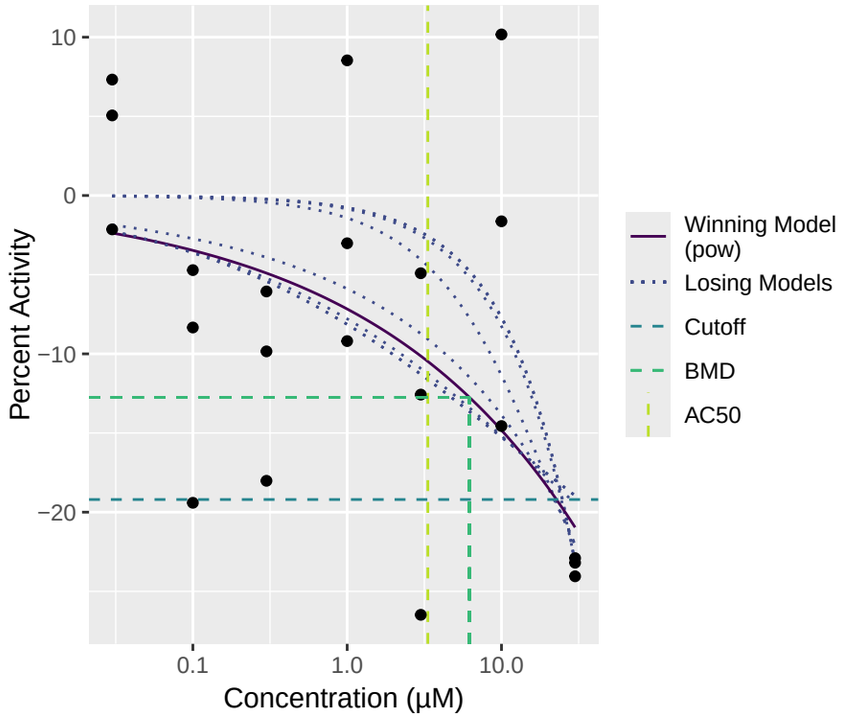
DTXSID2020262 Chloramben
SPID:EX000460 AEID:2779 AENM:CCTE_Mundy_HCI_Cortical_NOG_NeuriteL...
M4ID:12976755



Hitcall	BMD	AC50
3.6e−05	114.894	50.000
model	**aic**	**rme**
poly1	244.571	8.609
cnst	244.956	9.031
pow	246.311	8.606
poly2	246.349	8.612
exp2	246.404	8.612
exp4	246.832	8.613
hill	247.976	8.574
exp5	247.976	8.574
exp3	248.337	8.602
gnls	251.976	8.574

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

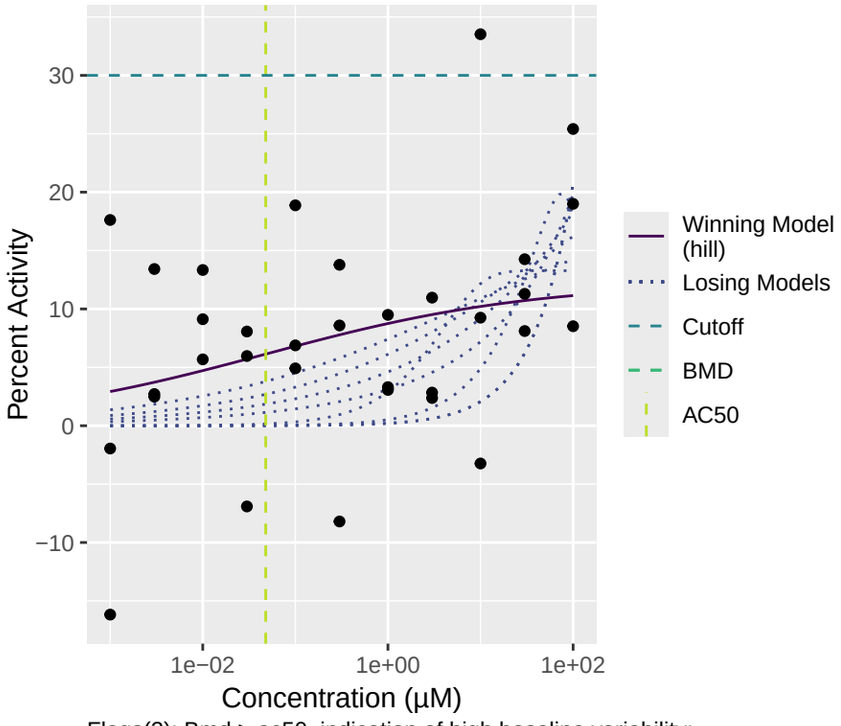
DTXSID9040681 Manganese dichloride
SPID:EX000467 AEID:2530 AENM:CCTE_Shafer_MEA_dev_AB
M4ID:12951871



Hitcall	BMD	AC50
0.578	6.206	3.333
model	**aic**	**rme**
pow	161.050	9.788
poly1	162.427	10.360
exp3	162.900	9.735
exp5	163.729	9.892
hill	163.949	9.923
poly2	164.420	10.362
exp2	164.429	10.360
exp4	164.573	10.434
gnls	167.949	9.923
cnst	174.044	13.835

Flags(2): Bmd > ac50, indication of high baseline variability;
Borderline

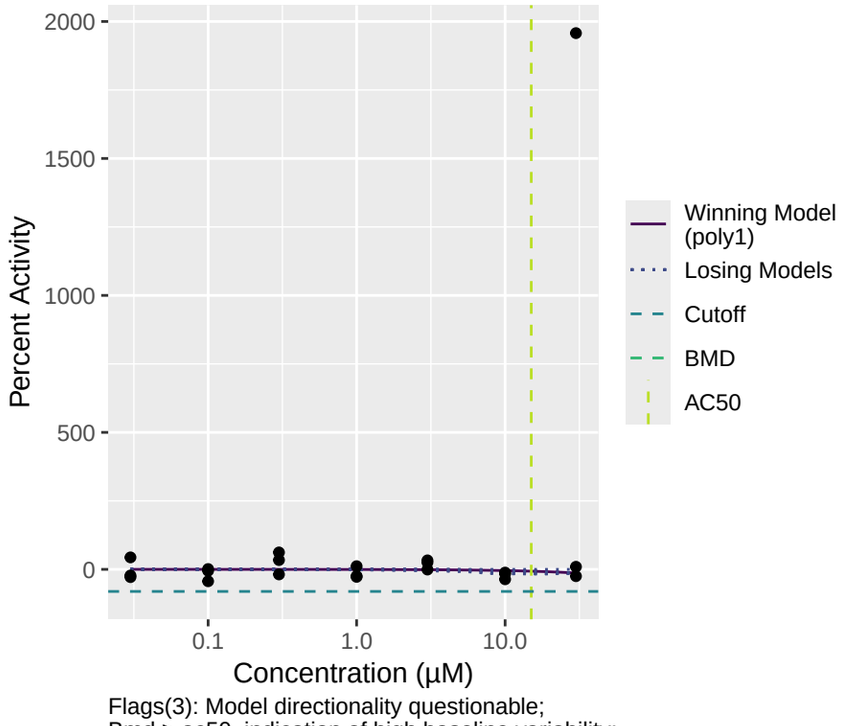
DTXSID2020630 Sodium fluoride
SPID:EX000466 AEID:2779 AENM:CCTE_Mundy_HCI_Cortical_NOG_NeuriteL...
M4ID:12976761



Hitcall	BMD	AC50
1.5e−14	1.0e+03	0.048
model	**aic**	**rme**
hill	245.060	8.840
pow	245.224	9.009
exp5	246.448	8.857
exp3	249.101	9.295
gnls	249.659	8.784
exp4	250.293	9.464
poly2	251.339	9.882
poly1	251.985	10.331
exp2	253.995	10.333
cnst	262.265	12.198

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

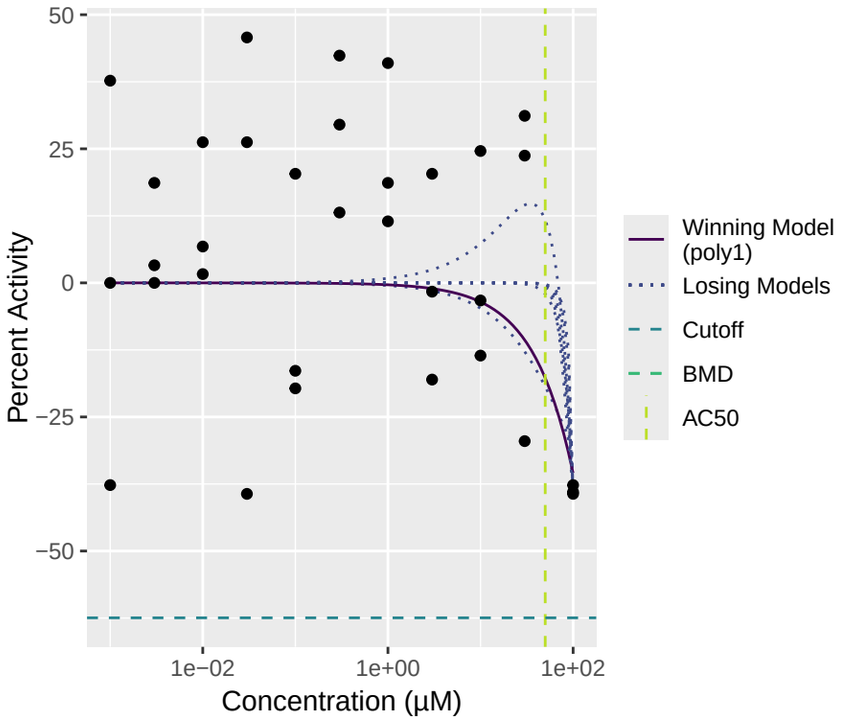
DTXSID4022731 Carbamazepine
SPID:EX000470 AEID:2506 AENM:CCTE_Shafer_MEA_dev_burst_duration_mean
M4ID:12944836



Hitcall	BMD	AC50
1.0e−04	180.771	15.000
model	**aic**	**rme**
cnst	239.317	428.034
poly1	240.847	430.921
poly2	242.373	429.679
exp4	242.627	430.772
pow	242.771	430.745
exp2	242.850	430.925
exp5	243.757	431.445
exp3	244.952	430.887
hill	245.317	428.033
gnls	247.731	431.357

Flags(3): Model directionality questionable;
Bmd > ac50, indication of high baseline variability;
Noisy data

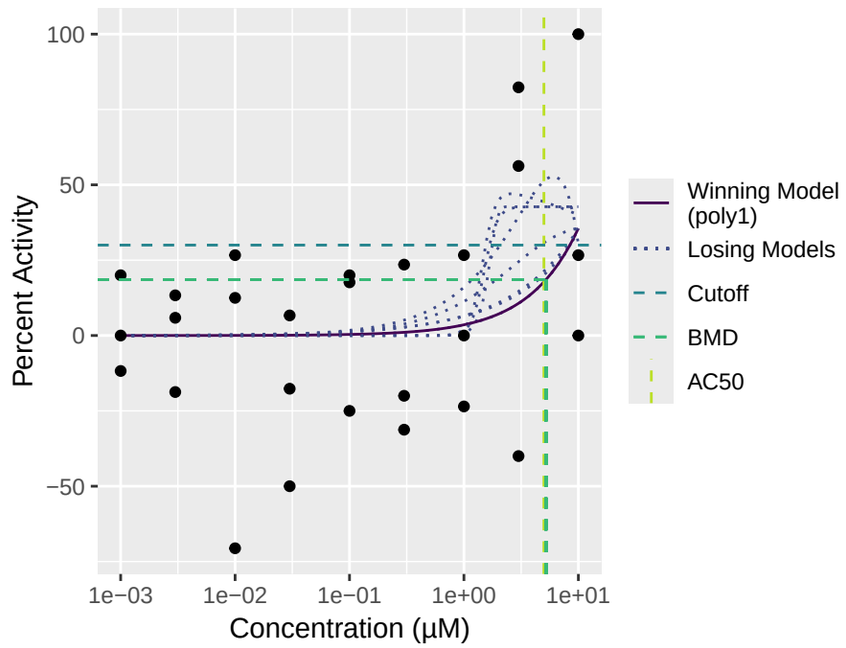
DTXSID4022731 Carbamazepine
SPID:EX000470 AEID:2789 AENM:CCTE_Mundy_HCI_hN2_NOG_BPCount
M4ID:12976174



Hitcall	BMD	AC50
0.002	115.475	50.000
model	**aic**	**rme**
poly2	310.781	23.406
poly1	311.527	24.220
exp2	311.833	23.540
pow	311.849	23.545
exp5	313.824	23.537
hill	313.825	23.537
exp3	313.825	23.537
exp4	314.422	24.533
cnst	316.276	26.267
gnls	317.824	23.537

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

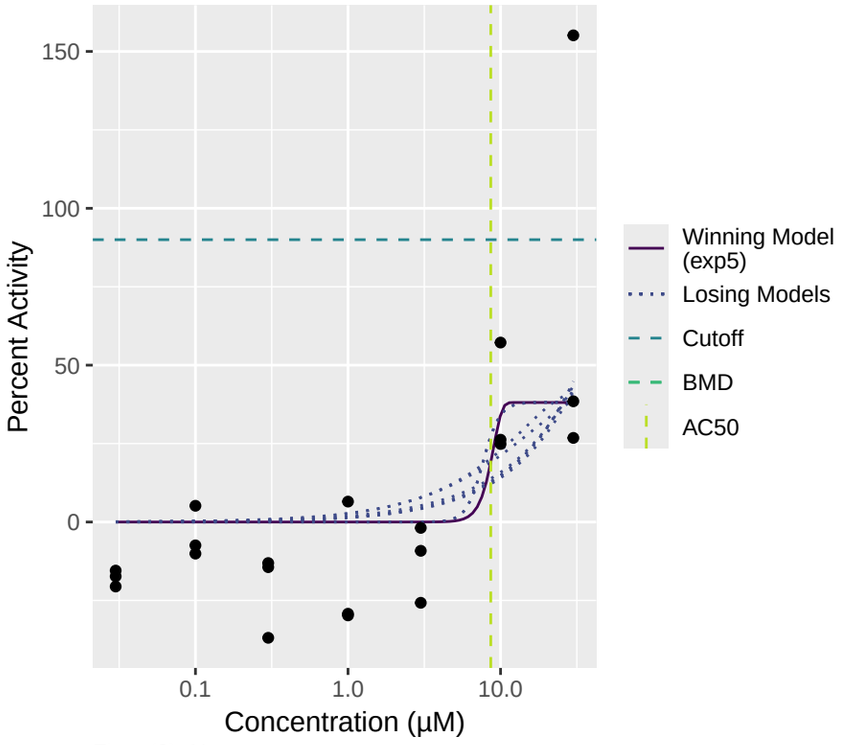
DTXSID9040712 Triethyltin bromide
SPID:EX000473 AEID:2785 AENM:CCTE_Mundy_HCI_Cortical_Synap_Neur_M...
M4ID:12978509



Hitcall	BMD	AC50
0.363	5.208	5.000
model	**aic**	**rme**
poly1	271.169	33.168
poly2	271.977	33.125
cnst	272.154	36.816
exp4	272.586	32.743
exp5	272.871	32.373
hill	272.882	32.368
pow	273.054	33.024
exp2	273.171	33.172
exp3	275.116	33.112
gnls	276.561	32.547

Flags(5): Model directionality questionable;
Inactive with multiple concs above baseline (3*bmad);
Bmd > ac50, indication of high baseline variability;
Noisy data;
Borderline

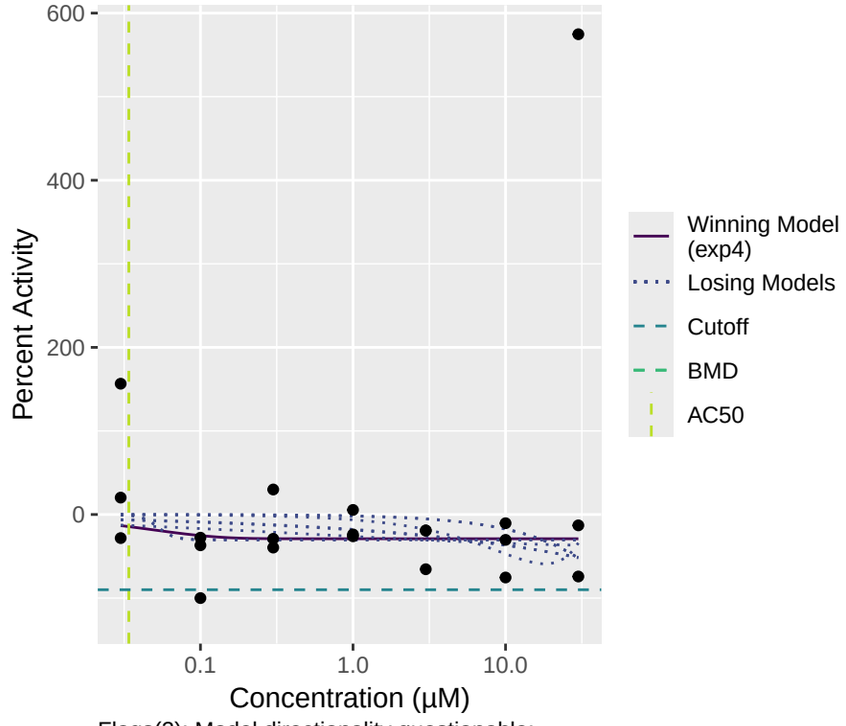
DTXSID6024888 Cyclophosphamide monohydrate
SPID:EX000472 AEID:2518 AENM:CCTE_Shafer_MEA_dev_inter_network_sp...
M4ID:12948360



Hitcall	BMD	AC50
2.6e−07	NA	8.624
model	**aic**	**rme**
exp5	202.211	30.805
hill	202.214	30.797
poly1	202.601	31.317
poly2	204.087	31.695
exp4	204.361	32.075
pow	204.600	31.310
exp2	204.635	31.700
gnls	206.214	30.795
exp3	206.659	31.515
cnst	209.791	41.557

Flags(0): None

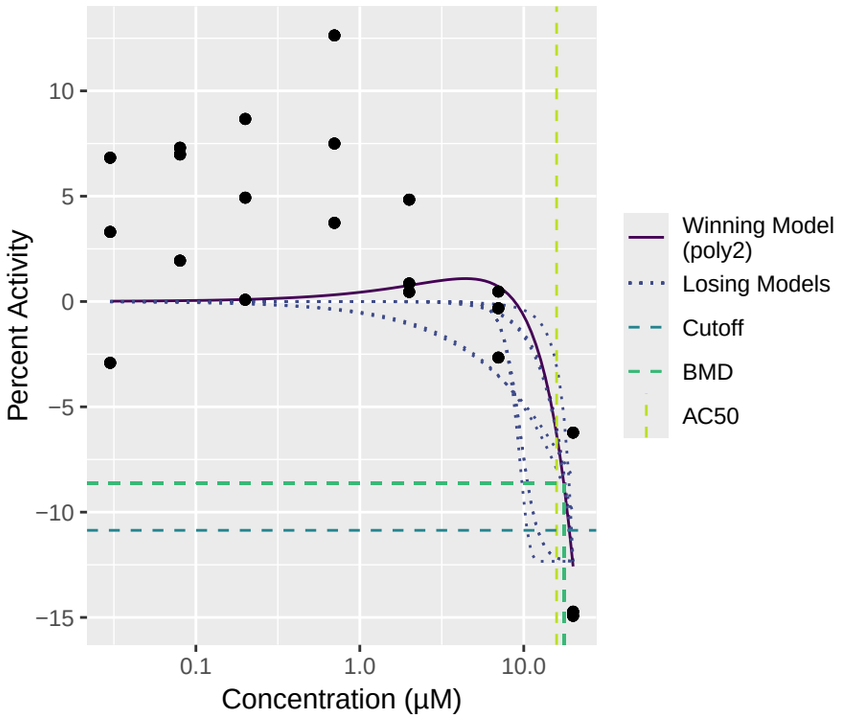
DTXSID0034300 Acetamiprid
SPID:EX000521 AEID:2518 AENM:CCTE_Shafer_MEA_dev_inter_network_sp...
M4ID:12948371



Hitcall	BMD	AC50
2.6e−10	NA	0.034
model	**aic**	**rme**
exp4	242.443	139.978
hill	243.319	139.380
pow	243.368	144.463
exp5	244.709	141.593
poly2	245.070	141.252
poly1	245.127	145.580
exp3	245.466	144.603
cnst	245.714	136.296
exp2	247.131	145.540
gnls	247.319	139.380

Flags(2): Model directionality questionable;
Noisy data

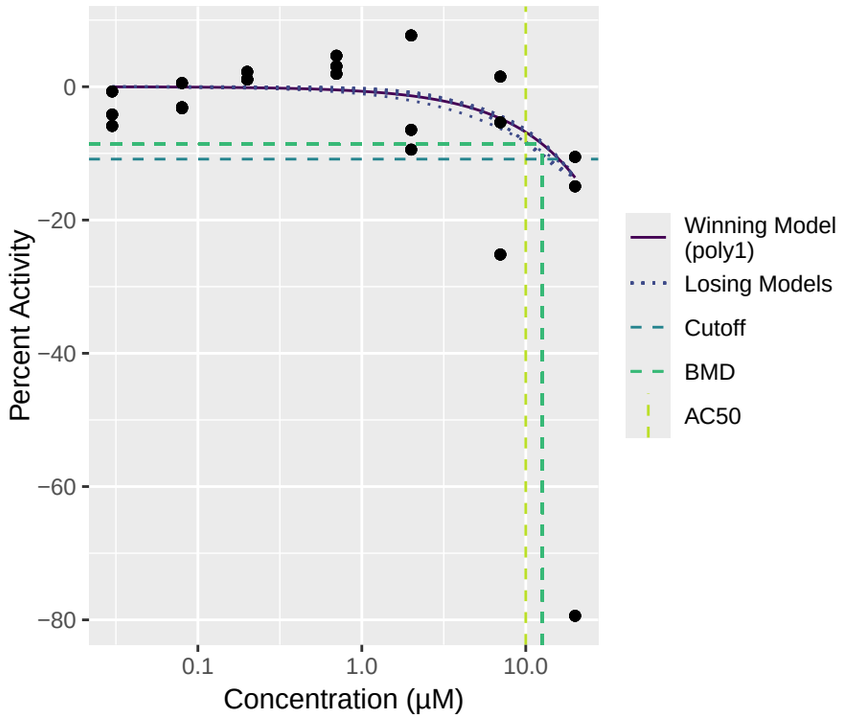
DTXSID6021793 1−Naphthol
SPID:EX000539 AEID:2940 AENM:IUF_NPC2a_radial_glia_migration_120hr
M4ID:8503197



Hitcall	BMD	AC50
0.729	17.561	15.862
model	**aic**	**rme**
poly2	640.035	5.227
pow	643.724	5.327
exp2	643.976	5.331
hill	645.628	5.325
exp5	645.628	5.325
exp3	645.737	5.327
gnls	649.628	5.325
poly1	656.445	5.624
exp4	663.545	5.751
cnst	689.438	6.882

Flags(2): Bmd > ac50, indication of high baseline variability;
Borderline

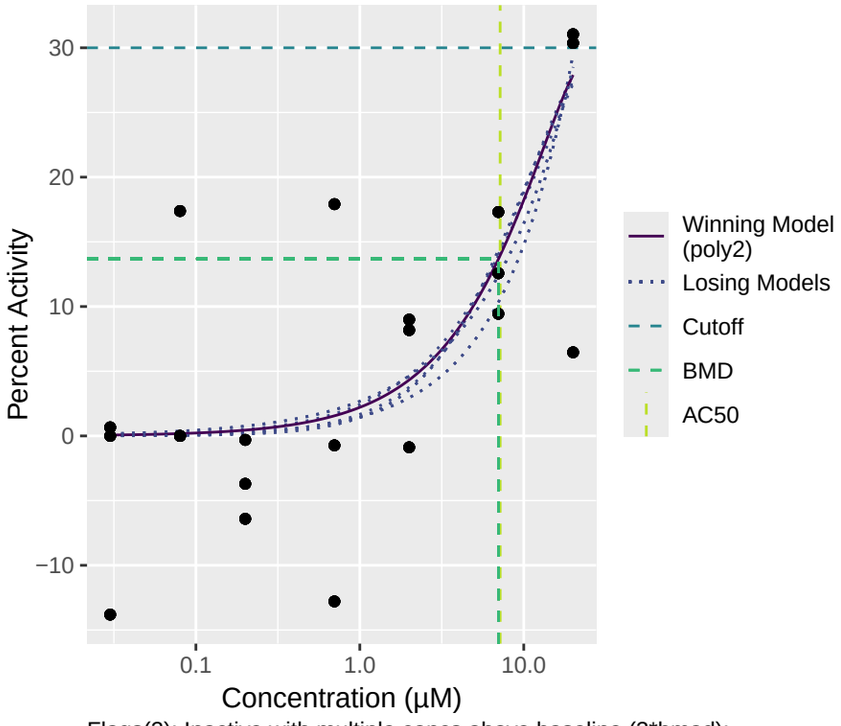
DTXSID9020247 Carbaryl
SPID:EX000549 AEID:2940 AENM:IUF_NPC2a_radial_glia_migration_120hr
M4ID:8503207



Hitcall	BMD	AC50
0.860	12.663	10.000
model	**aic**	**rme**
poly1	749.038	15.633
pow	750.910	15.629
poly2	751.038	15.632
exp2	751.038	15.634
hill	752.123	15.608
exp5	752.179	15.609
exp4	752.302	15.767
exp3	752.919	15.630
gnls	756.123	15.608
cnst	800.949	19.102

Flags(2): Bmd > ac50, indication of high baseline variability;
Noisy data

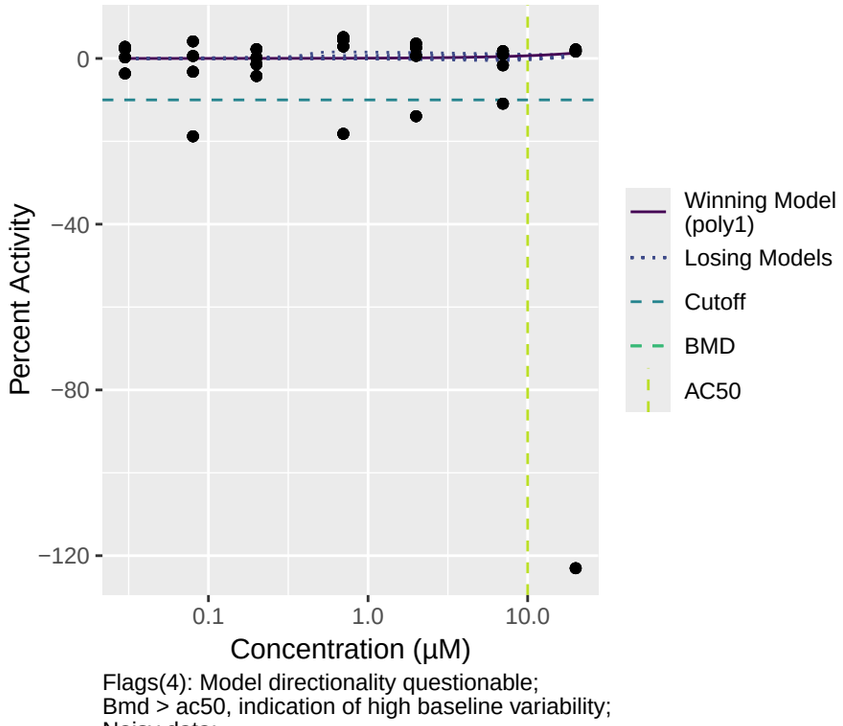
DTXSID3030056 2,2',4,4'−Tetrabromodiphenyl ether
SPID:EX000540 AEID:2773 AENM:IUF_NPC1a_proliferation_area_72hr
M4ID:8502242



Hitcall	BMD	AC50
0.037	7.022	7.179
model	**aic**	**rme**
poly2	750.640	8.736
exp4	750.871	8.683
hill	752.144	8.702
exp5	752.181	8.731
pow	752.421	8.810
poly1	754.330	9.007
exp3	754.575	8.819
gnls	756.144	8.702
exp2	756.343	9.007
cnst	840.778	13.195

Flags(2): Inactive with multiple concs above baseline (3*bmad);
Borderline

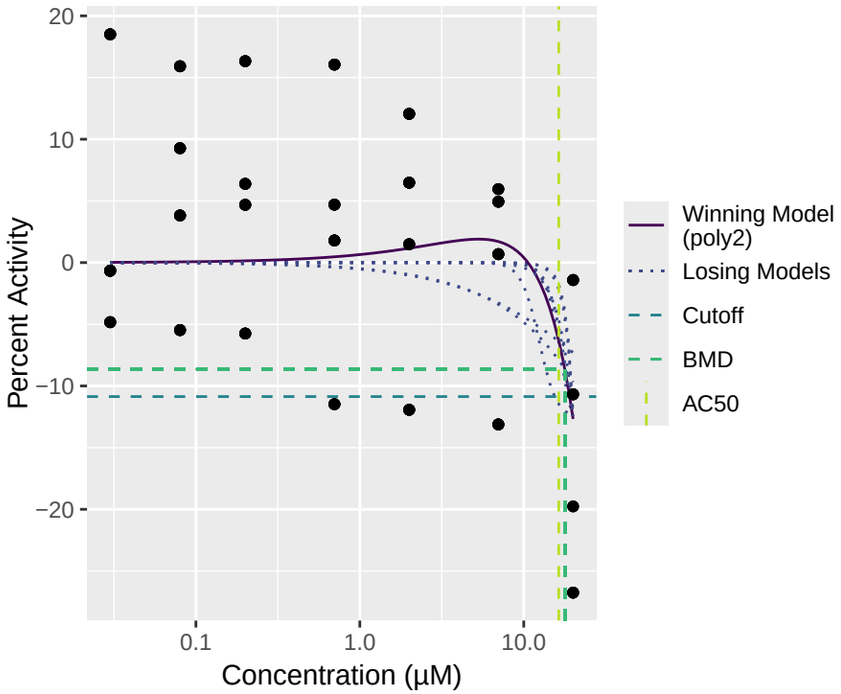
DTXSID6032352 Chlorpyrifos−methyl
SPID:EX000550 AEID:2954 AENM:IUF_NPC2−5_cytotoxicity_72hr
M4ID:8504889



Hitcall	BMD	AC50
−2.5e−16	97.205	10.000
model	**aic**	**rme**
cnst	1.0e+03	24.131
hill	1.0e+03	24.430
gnls	1.0e+03	24.338
poly1	1.0e+03	24.372
poly2	1.0e+03	24.407
pow	1.0e+03	24.429
exp2	1.0e+03	24.429
exp3	1.0e+03	24.430
exp4	1.0e+03	24.309
exp5	1.0e+03	24.430

Flags(4): Model directionality questionable;
Bmd > ac50, indication of high baseline variability;
Noisy data;
No median responses above baseline (3*bmad)

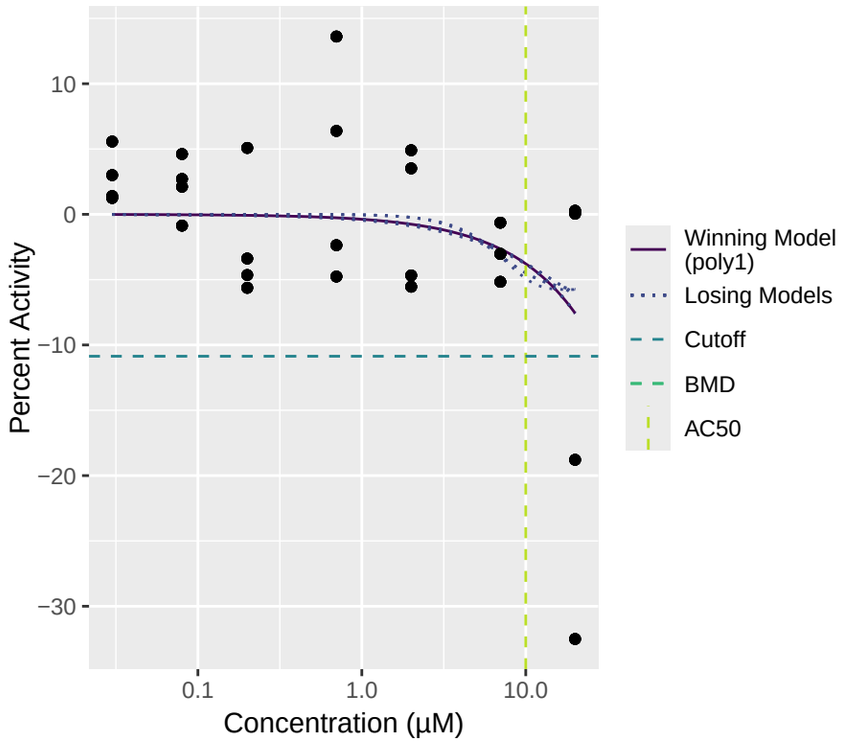
DTXSID1038666 Chlorpyrifos oxon
SPID:EX000551 AEID:2940 AENM:IUF_NPC2a_radial_glia_migration_120hr
M4ID:8503209



Hitcall	BMD	AC50
0.539	17.801	16.353
model	**aic**	**rme**
poly2	987.698	9.488
exp2	989.552	9.508
pow	989.555	9.507
exp3	991.550	9.508
hill	991.551	9.507
exp5	991.551	9.507
poly1	992.987	9.671
gnls	995.557	9.507
exp4	997.379	9.803
cnst	1.0e+03	10.479

Flags(3): Model directionality questionable;
Bmd > ac50, indication of high baseline variability;
Borderline

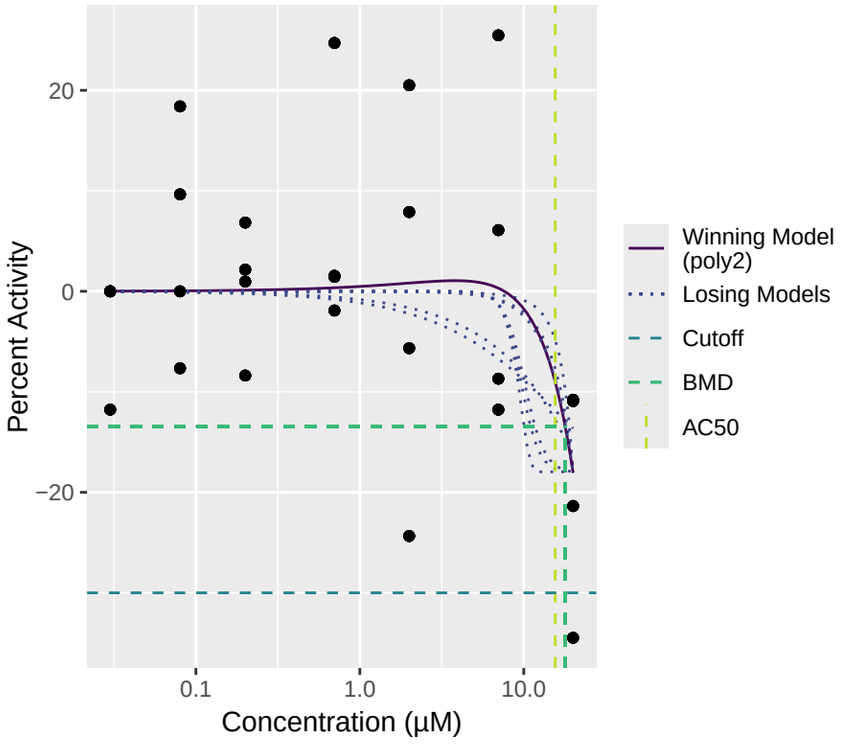
DTXSID2034465 Clothianidin
SPID:EX000552 AEID:2940 AENM:IUF_NPC2a_radial_glia_migration_120hr
M4ID:8503210



Hitcall	BMD	AC50
0.111	22.831	10.000
model	**aic**	**rme**
poly1	905.686	7.098
poly2	907.525	7.298
exp4	907.551	7.268
pow	907.685	7.106
exp2	907.690	7.093
hill	908.936	7.315
exp5	908.943	7.314
exp3	909.686	7.099
gnls	912.937	7.315
cnst	918.598	8.458

Flags(1): Bmd > ac50, indication of high baseline variability

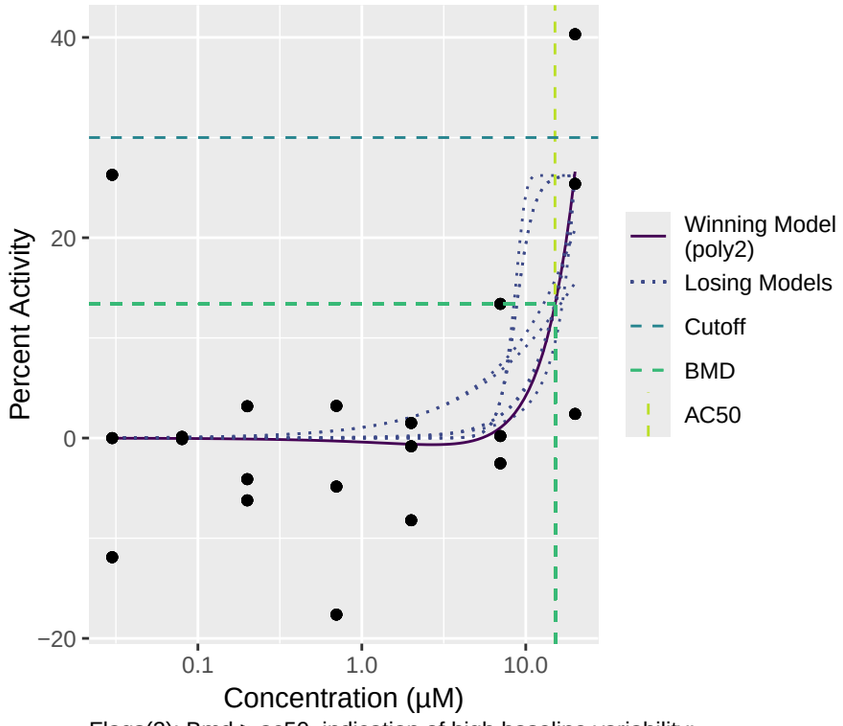
DTXSID2034465 Clothianidin
SPID:EX000552 AEID:2775 AENM:IUF_NPC1_viability_72hr
M4ID:8502492



Hitcall	BMD	AC50
5.0e−07	17.906	15.570
model	**aic**	**rme**
cnst	1.1e+03	13.704
hill	1.1e+03	11.629
gnls	1.1e+03	11.629
poly1	1.1e+03	12.063
poly2	1.1e+03	11.554
pow	1.1e+03	11.623
exp2	1.1e+03	11.604
exp3	1.1e+03	11.620
exp4	1.1e+03	12.341
exp5	1.1e+03	11.629

Flags(1): Bmd > ac50, indication of high baseline variability

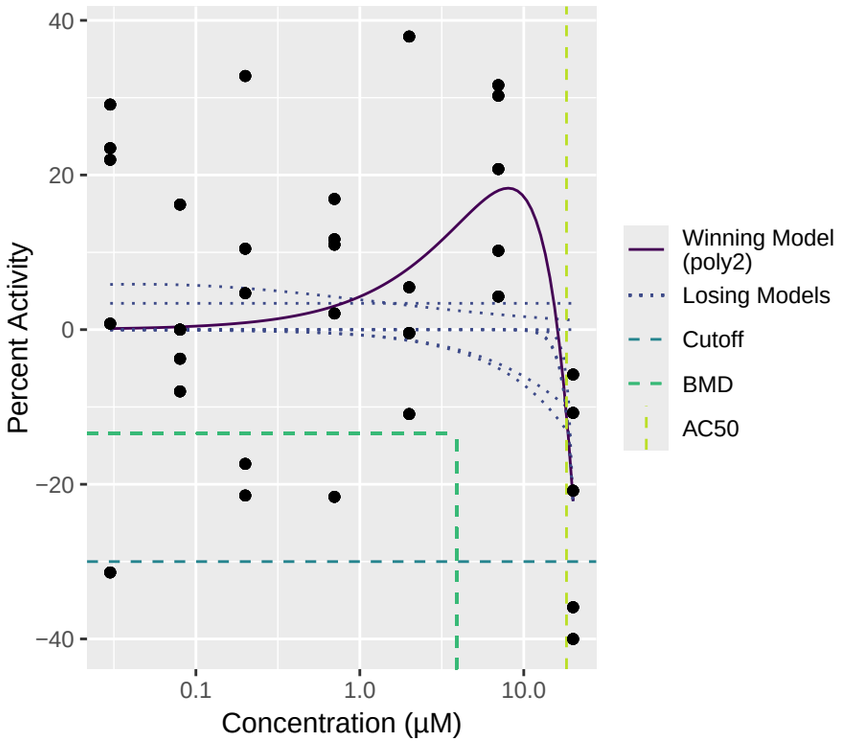
DTXSID8020381 Deltamethrin
SPID:EX000553 AEID:2775 AENM:IUF_NPC1_viability_72hr
M4ID:8502493



Hitcall	BMD	AC50
0.043	15.136	15.078
model	**aic**	**rme**
poly2	781.628	10.320
pow	782.723	10.319
exp2	783.331	10.347
hill	784.407	10.299
exp5	784.407	10.299
exp3	784.773	10.319
gnls	788.407	10.299
poly1	792.433	10.498
exp4	799.513	10.805
cnst	819.345	13.405

Flags(2): Bmd > ac50, indication of high baseline variability;
Borderline

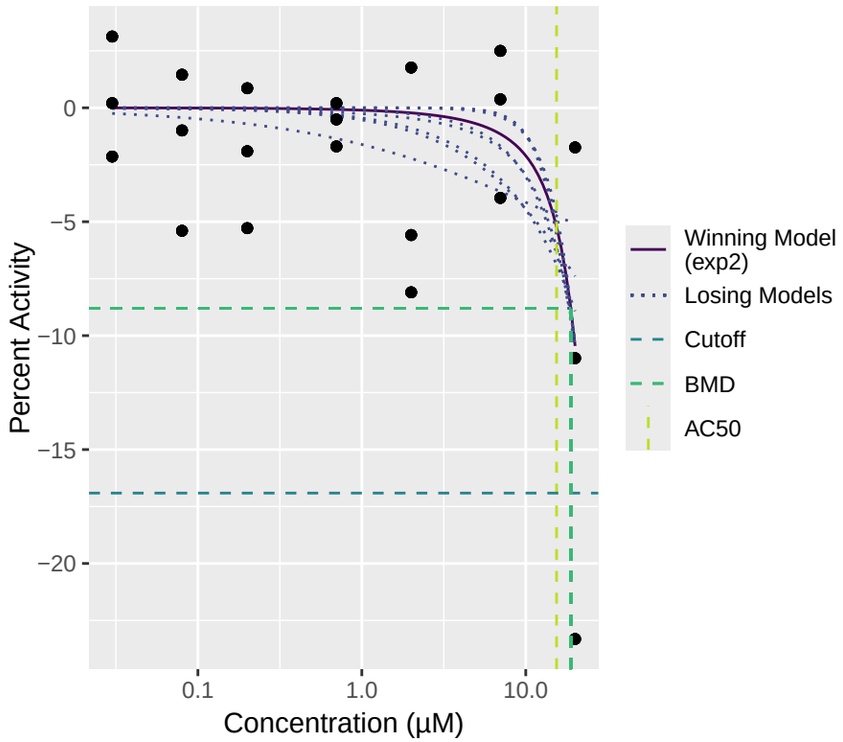
DTXSID7020479 Dimethoate
SPID:EX000555 AEID:2775 AENM:IUF_NPC1_viability_72hr
M4ID:8502495



Hitcall	BMD	AC50
4.4e−04	3.895	18.233
model	**aic**	**rme**
poly1	1.5e+03	19.036
poly2	1.5e+03	16.040
pow	1.5e+03	17.851
exp2	1.5e+03	17.851
exp3	1.5e+03	17.851
cnst	1.6e+03	19.799
hill	1.6e+03	19.799
gnls	1.6e+03	19.440
exp4	1.6e+03	19.201
exp5	1.6e+03	19.634

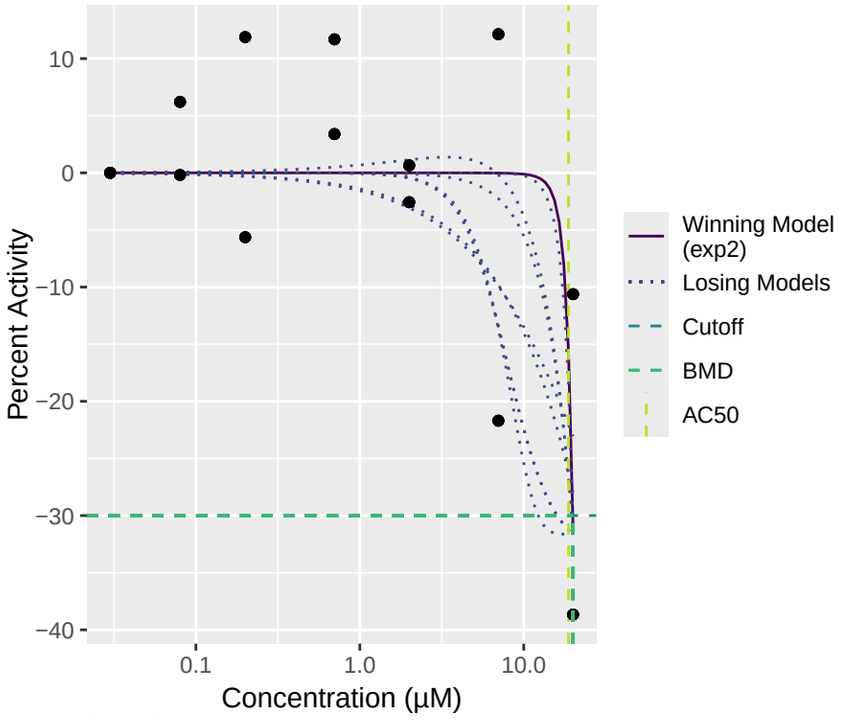
Flags(1): Model directionality questionable

DTXSID1024120 Glufosinate−ammonium
SPID:EX000561 AEID:2938 AENM:IUF_NPC2a_radial_glia_migration_72hr
M4ID:8502979



Hitcall	BMD	AC50
9.0e−06	18.840	15.422
model	**aic**	**rme**
exp2	614.463	4.579
pow	615.225	4.601
poly2	615.370	4.600
exp3	616.044	4.569
poly1	616.222	4.699
hill	617.242	4.602
exp5	617.247	4.603
exp4	620.912	4.874
gnls	628.756	5.178
cnst	646.042	6.442

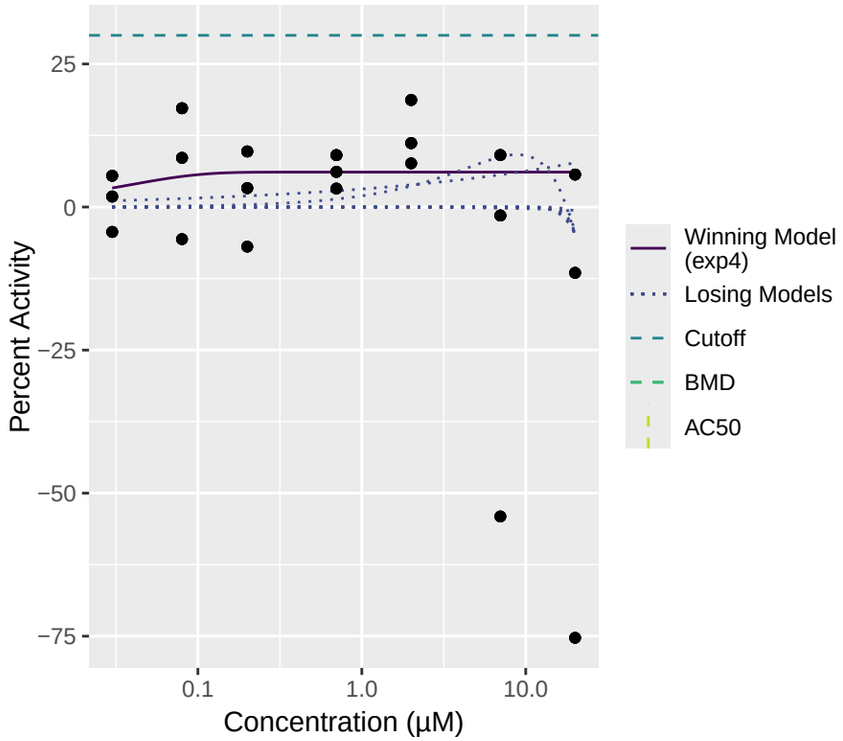
DTXSID20274180 L−Domoic acid
SPID:EX000557 AEID:2771 AENM:IUF_NPC1b_proliferation_BrdU_72hr
M4ID:8502018



Hitcall	BMD	AC50
0.512	19.922	18.761
model	**aic**	**rme**
poly2	504.638	10.008
exp2	505.084	10.028
pow	505.119	9.904
poly1	506.451	10.016
hill	506.910	10.287
exp5	506.919	10.284
exp3	507.084	10.029
exp4	510.288	10.100
gnls	510.910	10.287
cnst	530.923	13.758

Flags(2): Bmd > ac50, indication of high baseline variability; Borderline

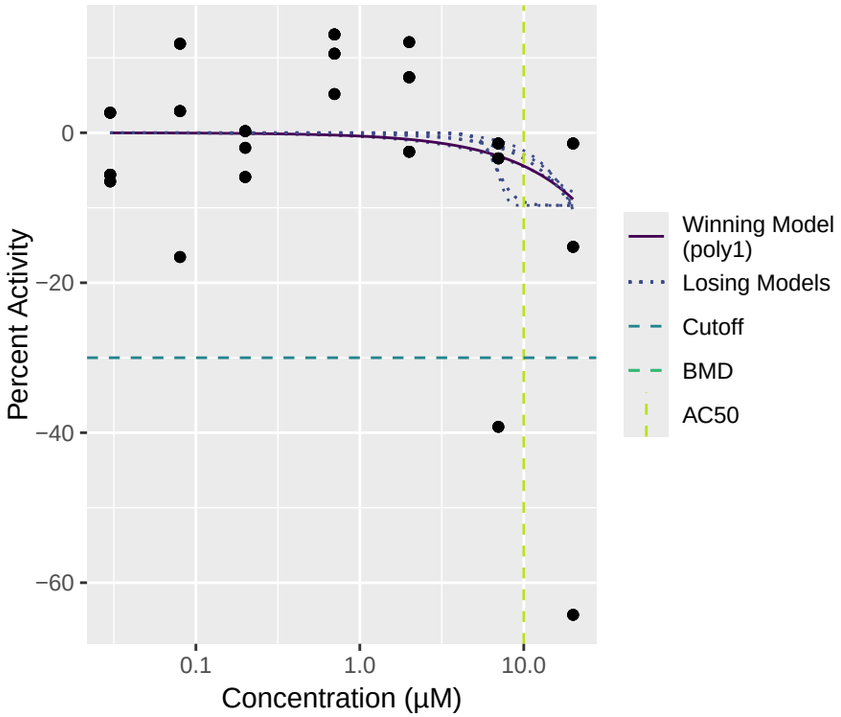
DTXSID5032442 Imidacloprid
SPID:EX000563 AEID:2948 AENM:IUF_NPC4_neurite_length_120hr
M4ID:8504181



Hitcall	BMD	AC50
0.000	NA	0.027
model	**aic**	**rme**
exp4	716.154	19.799
poly2	732.043	18.932
pow	732.544	20.311
cnst	738.898	19.106
poly1	740.873	19.019
exp2	741.594	18.526
hill	743.594	18.525
exp3	743.594	18.526
exp5	743.594	18.526
gnls	747.594	18.526

Flags(1): Model directionality questionable

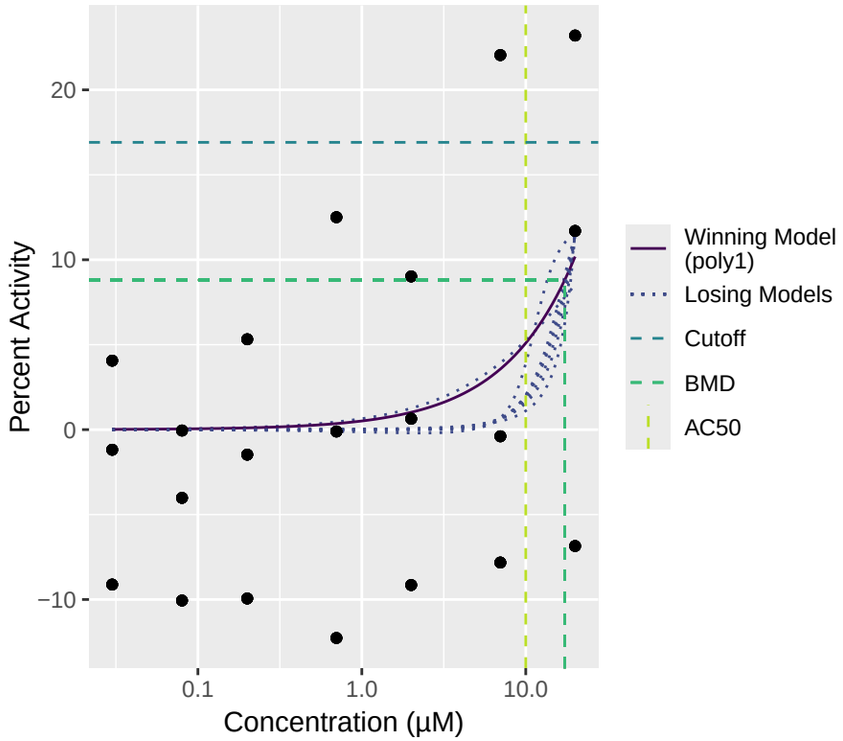
DTXSID5032442 Imidacloprid
SPID:EX000563 AEID:2950 AENM:IUF_NPC4_neurite_area_120hr
M4ID:8504421



Hitcall	BMD	AC50
1.8e−11	54.459	10.000
model	**aic**	**rme**
poly1	690.633	14.221
pow	691.332	14.106
exp5	691.460	13.937
hill	691.461	13.937
poly2	691.558	14.156
exp2	691.937	14.164
exp4	693.207	14.336
exp3	693.349	14.115
gnls	695.461	13.938
cnst	698.237	15.789

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

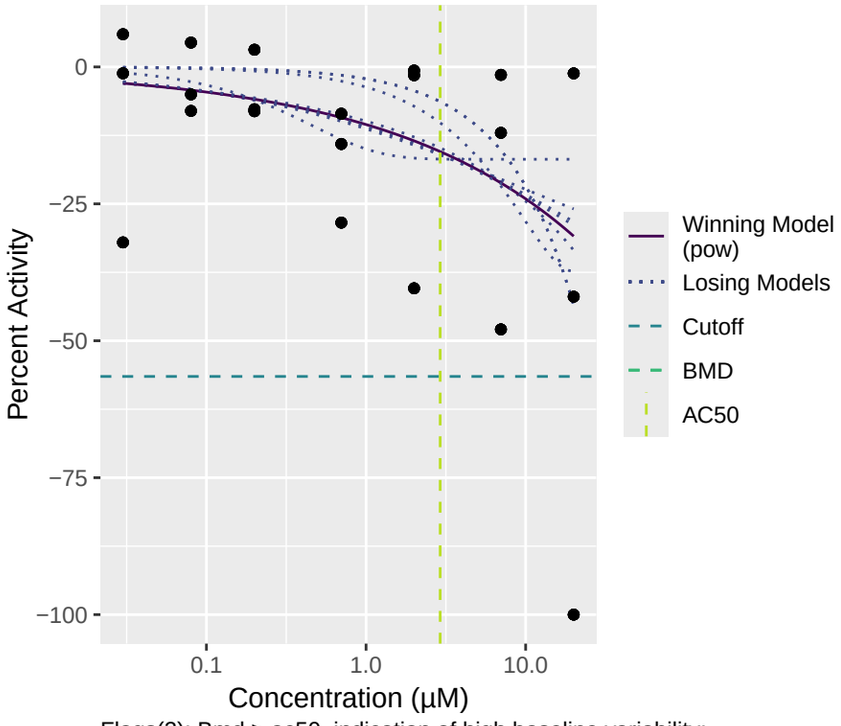
DTXSID3031521 Lead(II) acetate trihydrate
SPID:EX000565 AEID:2938 AENM:IUF_NPC2a_radial_glia_migration_72hr
M4ID:8502983



Hitcall	BMD	AC50
0.003	17.282	10.000
model	**aic**	**rme**
poly1	778.713	9.196
poly2	779.212	9.328
pow	779.244	9.325
exp2	779.251	9.333
exp3	781.243	9.325
hill	781.245	9.327
exp5	781.246	9.327
exp4	781.815	9.197
gnls	785.247	9.329
cnst	786.861	9.974

Flags(1): Bmd > ac50, indication of high baseline variability

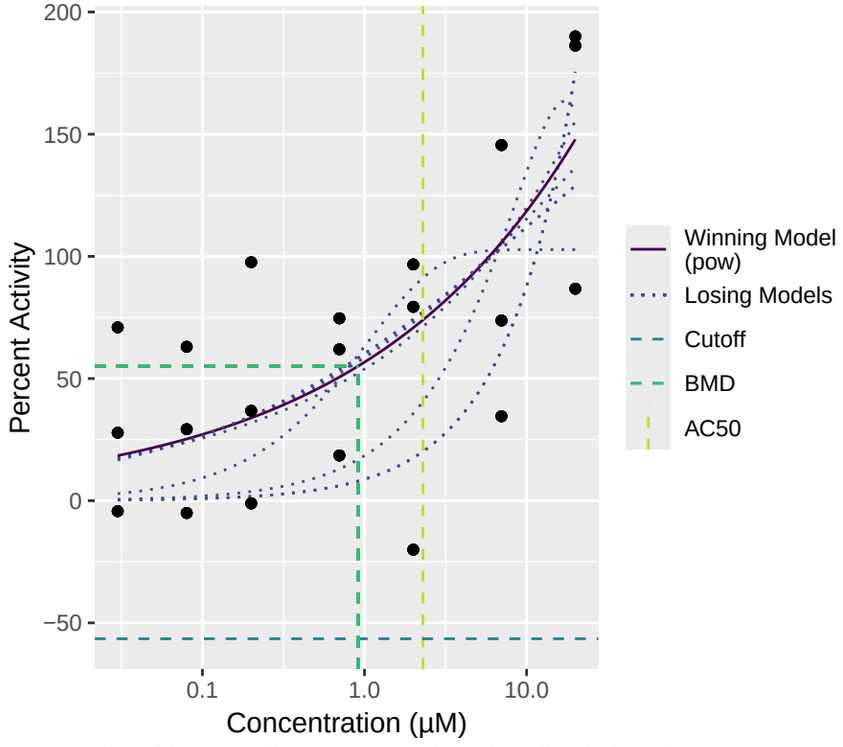
DTXSID5032442 Imidacloprid
SPID:EX000563 AEID:2952 AENM:IUF_NPC5_oligodendrocyte_differentia...
M4ID:8504661



Hitcall	BMD	AC50
4.8e−08	99.827	2.913
model	**aic**	**rme**
pow	898.065	21.653
exp3	899.717	21.414
exp5	900.546	21.954
hill	900.555	21.880
exp4	901.259	23.738
gnls	904.998	22.254
poly2	906.665	21.872
poly1	907.100	21.977
exp2	909.107	21.979
cnst	940.028	29.724

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

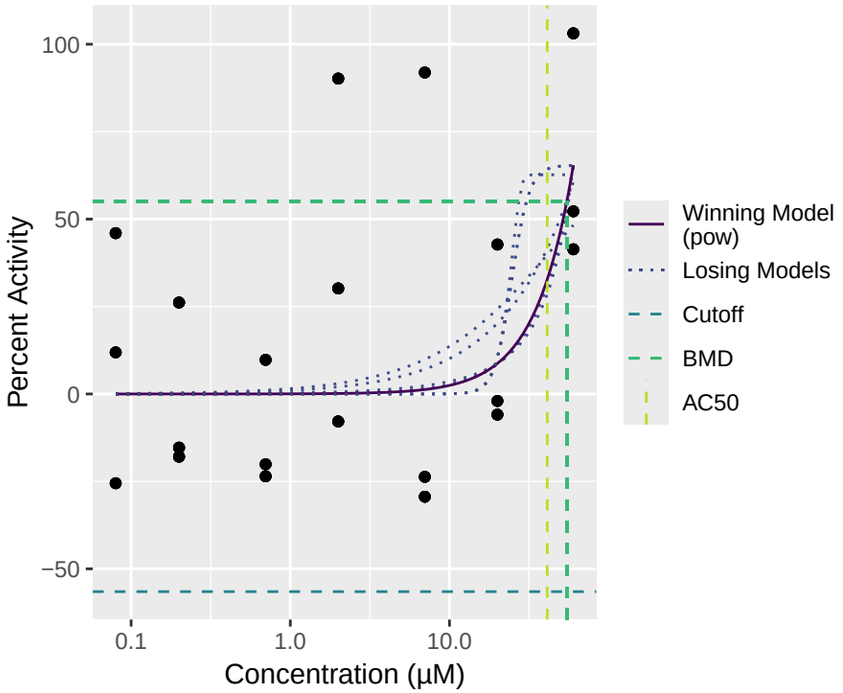
DTXSID3031521 Lead(II) acetate trihydrate
SPID:EX000565 AEID:2952 AENM:IUF_NPC5_oligodendrocyte_differentia...
M4ID:8504663



Hitcall	BMD	AC50
−1.0e+00	0.915	2.294
model	**aic**	**rme**
hill	1.1e+03	42.692
gnls	1.1e+03	42.692
poly1	1.1e+03	51.935
poly2	1.1e+03	48.137
pow	1.1e+03	41.662
exp2	1.1e+03	51.943
exp3	1.1e+03	41.567
exp4	1.1e+03	49.100
exp5	1.1e+03	42.199
cnst	1.2e+03	84.042

Flags(1): No median responses above baseline (3*bmad)

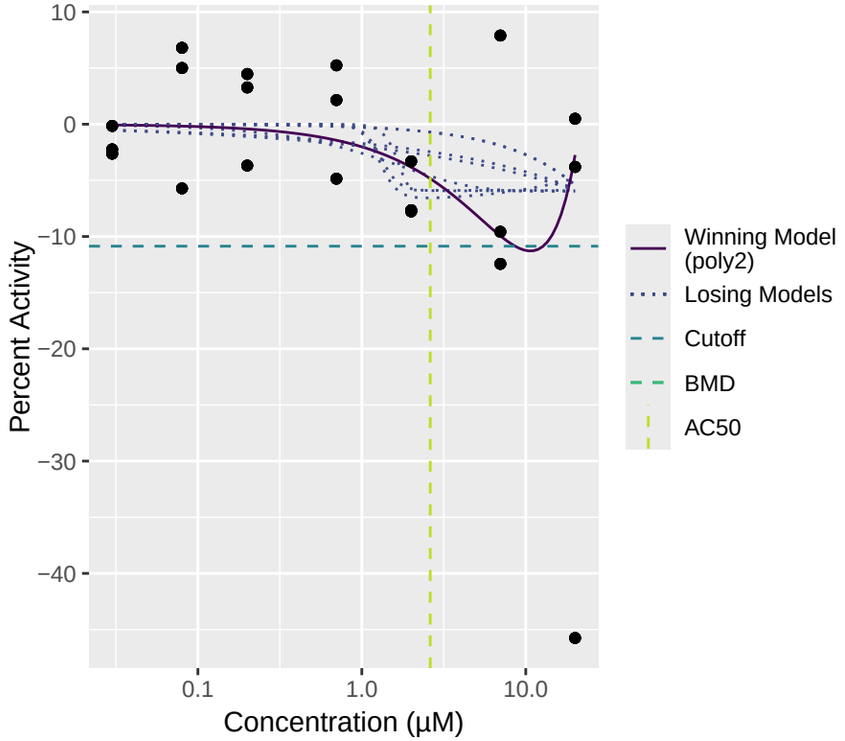
DTXSID9040681 Manganese dichloride
SPID:EX000568 AEID:2952 AENM:IUF_NPC5_oligodendrocyte_differentia...
M4ID:8504666



Hitcall	BMD	AC50
−5.5e−01	54.640	41.127
model	**aic**	**rme**
hill	1.0e+03	36.902
gnls	1.0e+03	36.902
poly1	1.0e+03	36.534
poly2	1.0e+03	36.813
pow	1.0e+03	36.839
exp2	1.0e+03	36.720
exp3	1.0e+03	36.821
exp4	1.0e+03	37.103
exp5	1.0e+03	36.943
cnst	1.1e+03	44.552

Flags(3): Bmd > ac50, indication of high baseline variability; Borderline; No median responses above baseline (3*bmad)

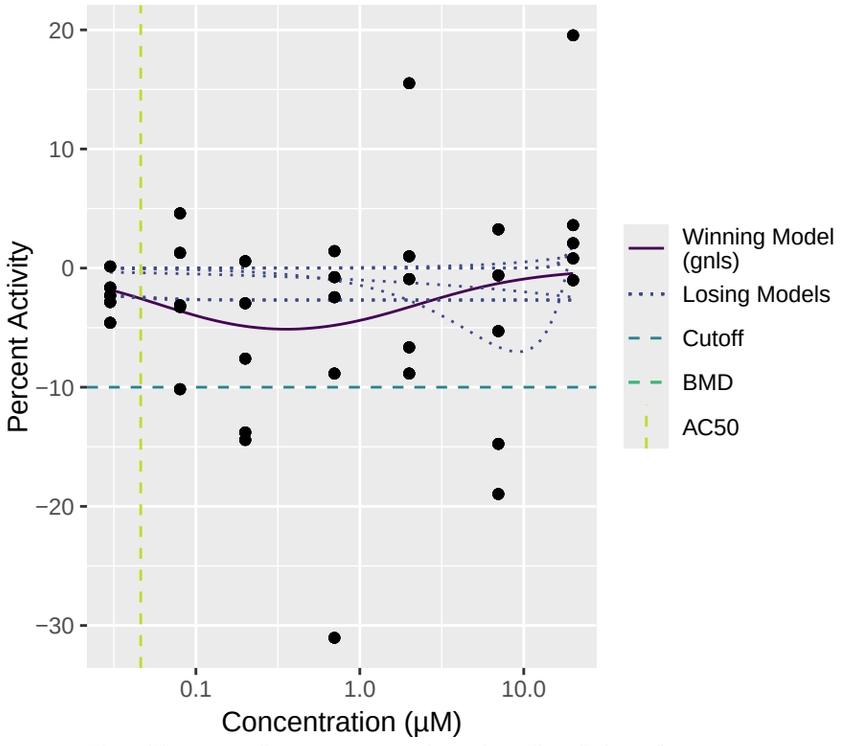
DTXSID1020855 Methyl parathion
SPID:EX000575 AEID:2940 AENM:IUF_NPC2a_radial_glia_migration_120hr
M4ID:8503233



Hitcall	BMD	AC50
0.000	NA	2.614
model	**aic**	**rme**
poly2	714.264	10.813
exp5	715.651	10.059
hill	715.740	10.054
gnls	717.222	10.234
exp4	721.401	10.142
pow	729.939	10.229
exp3	732.844	10.252
poly1	735.071	10.405
exp2	737.077	10.406
cnst	741.859	11.514

Flags(1): Borderline

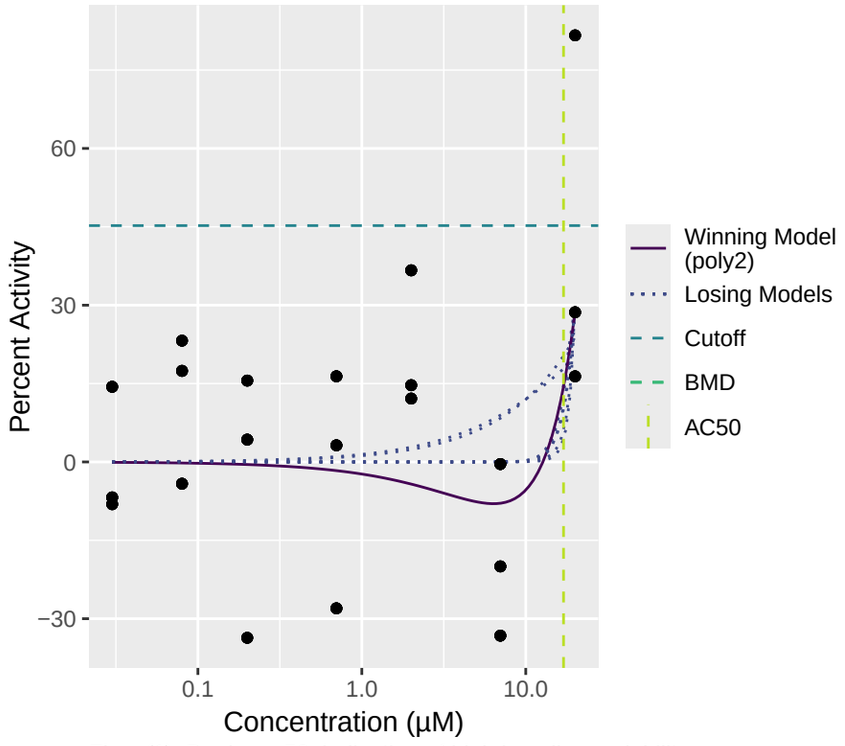
DTXSID4020820 Methimazole
SPID:EX000569 AEID:2956 AENM:IUF_NPC2−5_cytotoxicity_120hr
M4ID:8505150



Hitcall	BMD	AC50
9.2e−05	NA	0.046
model	**aic**	**rme**
cnst	1.2e+03	8.872
hill	1.2e+03	8.285
gnls	1.2e+03	7.909
poly1	1.2e+03	8.854
poly2	1.2e+03	8.232
pow	1.2e+03	8.719
exp2	1.2e+03	8.746
exp3	1.2e+03	8.745
exp4	1.2e+03	8.285
exp5	1.2e+03	8.282

Flags(1): No median responses above baseline (3*bmad)

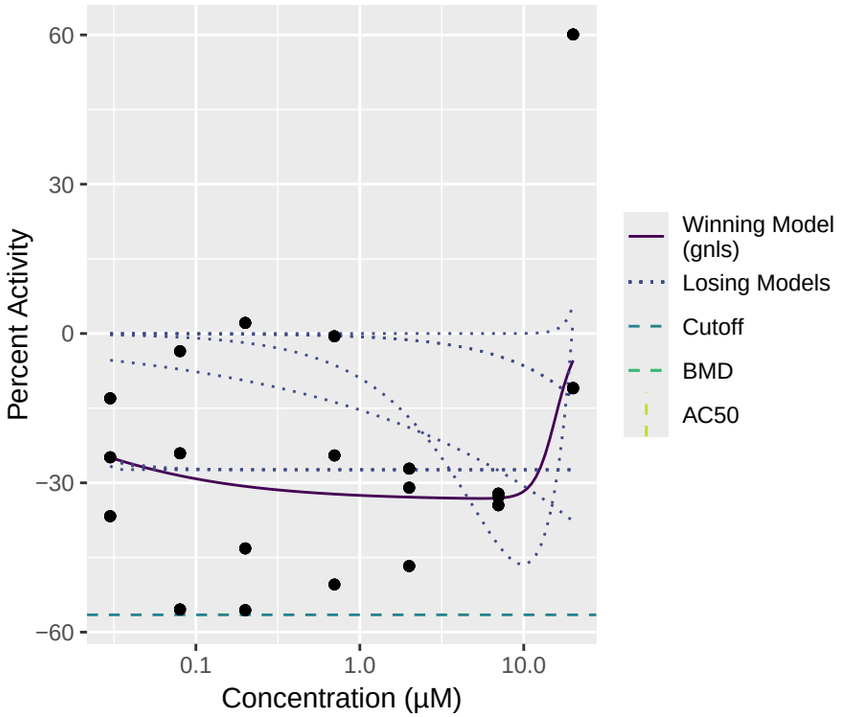
DTXSID1034185 Sodium perchlorate
SPID:EX000583 AEID:2946 AENM:IUF_NPC3_neuronal_differentiation_120hr
M4ID:8503961



Hitcall	BMD	AC50
0.002	22.627	17.002
model	**aic**	**rme**
poly2	903.194	20.980
exp2	903.829	20.979
pow	903.845	20.980
exp3	905.826	20.976
hill	905.831	20.976
exp5	905.837	20.979
gnls	909.835	20.978
poly1	911.167	22.330
exp4	915.695	22.826
cnst	926.680	25.389

Flags(1): Bmd > ac50, indication of high baseline variability

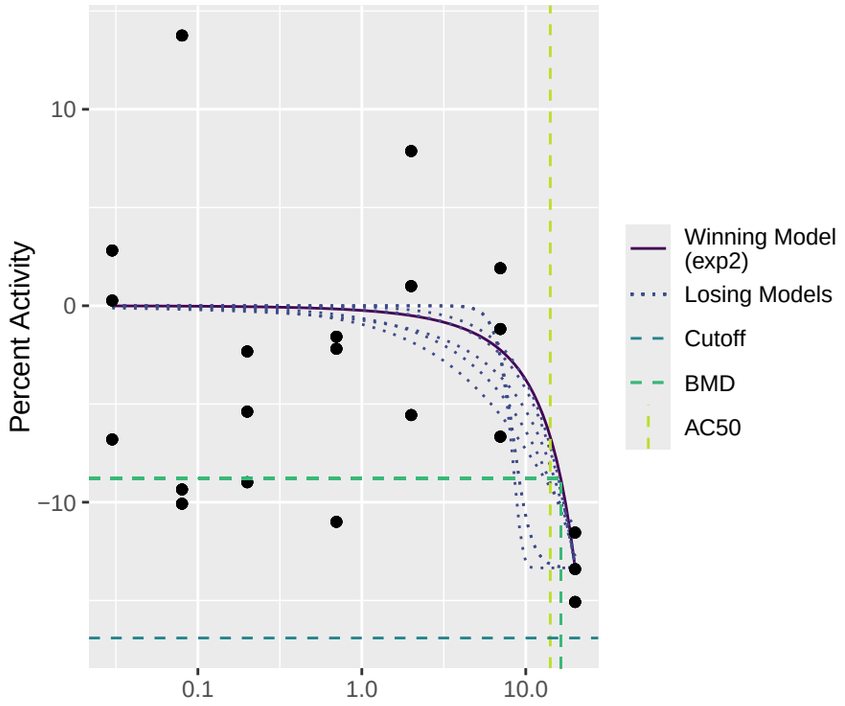
DTXSID5047037 Tembotrione
SPID:EX000584 AEID:2952 AENM:IUF_NPC5_oligodendrocyte_differentia...
M4ID:8504682



Hitcall	BMD	AC50
0.000	NA	0.006
model	**aic**	**rme**
gnls	881.690	21.171
exp4	903.709	25.492
hill	905.696	25.500
exp5	905.712	25.491
poly2	954.650	28.367
pow	960.974	31.753
poly1	996.445	34.397
cnst	996.750	34.163
exp2	998.451	34.397
exp3	1.0e+03	33.916

Flags(2): Model directionality questionable;
No median responses above baseline (3*bmad)

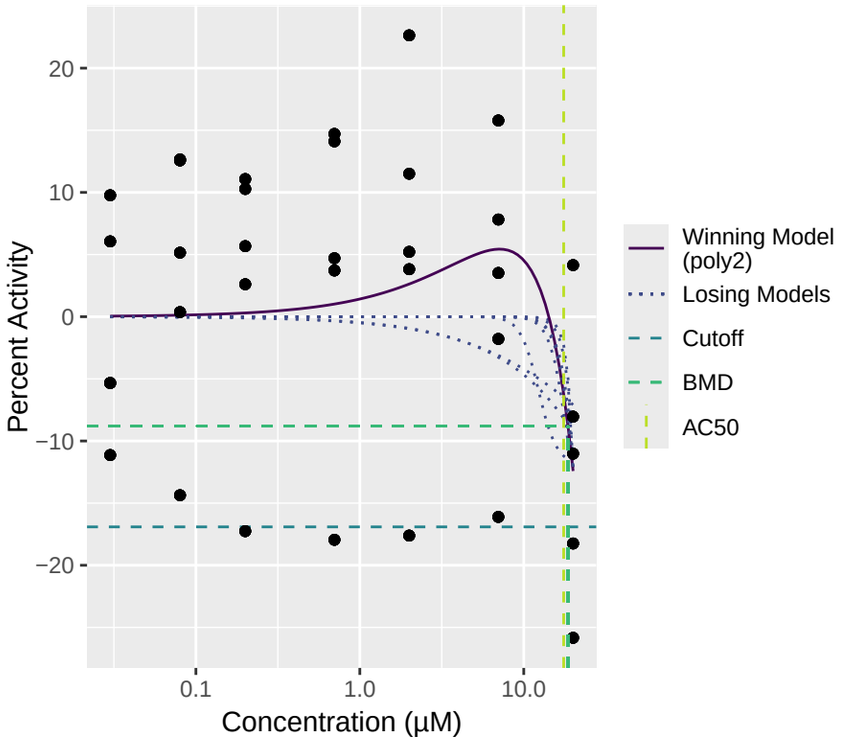
DTXSID1021952 Triphenyl phosphate
SPID:EX000591 AEID:2938 AENM:IUF_NPC2a_radial_glia_migration_72hr
M4ID:8503009



Hitcall	BMD	AC50
0.001	16.370	14.113
model	**aic**	**rme**
exp2	693.852	6.215
poly2	694.048	6.219
pow	694.378	6.227
poly1	694.459	6.273
exp3	694.608	6.185
hill	696.330	6.225
exp5	696.330	6.225
gnls	700.330	6.225
exp4	701.745	6.391
cnst	750.025	8.046

Flags(1): Bmd > ac50, indication of high baseline variability

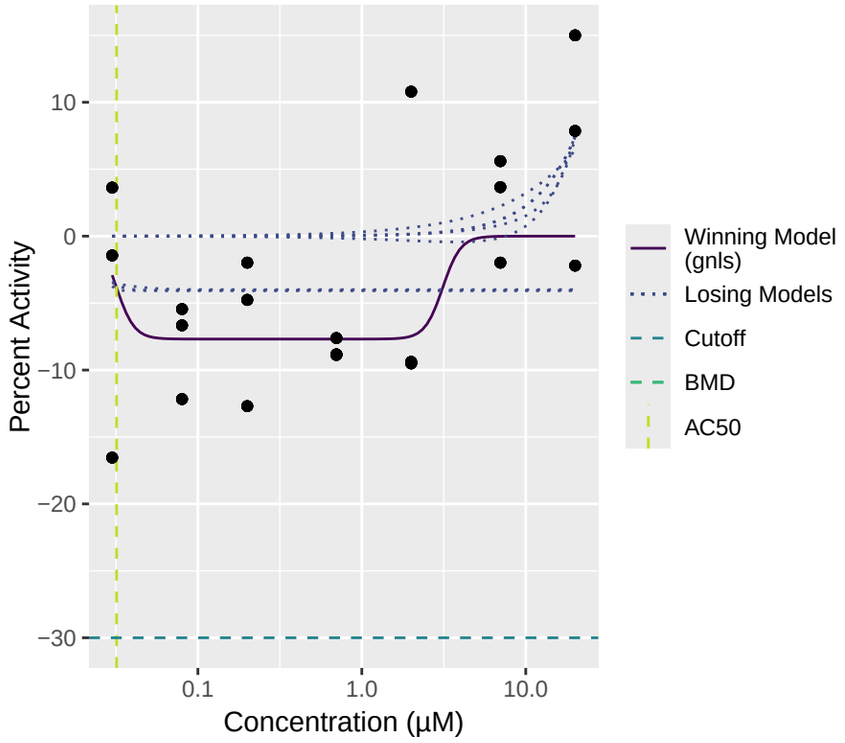
DTXSID6032192 Tri−o−cresyl phosphate
SPID:EX000590 AEID:2938 AENM:IUF_NPC2a_radial_glia_migration_72hr
M4ID:8503008



Hitcall	BMD	AC50
0.004	18.622	17.521
model	**aic**	**rme**
cnst	1.4e+03	11.942
hill	1.4e+03	11.074
gnls	1.4e+03	11.075
poly1	1.4e+03	11.339
poly2	1.4e+03	10.951
pow	1.4e+03	11.074
exp2	1.4e+03	11.073
exp3	1.4e+03	11.073
exp4	1.4e+03	11.438
exp5	1.4e+03	11.074

Flags(1): Bmd > ac50, indication of high baseline variability

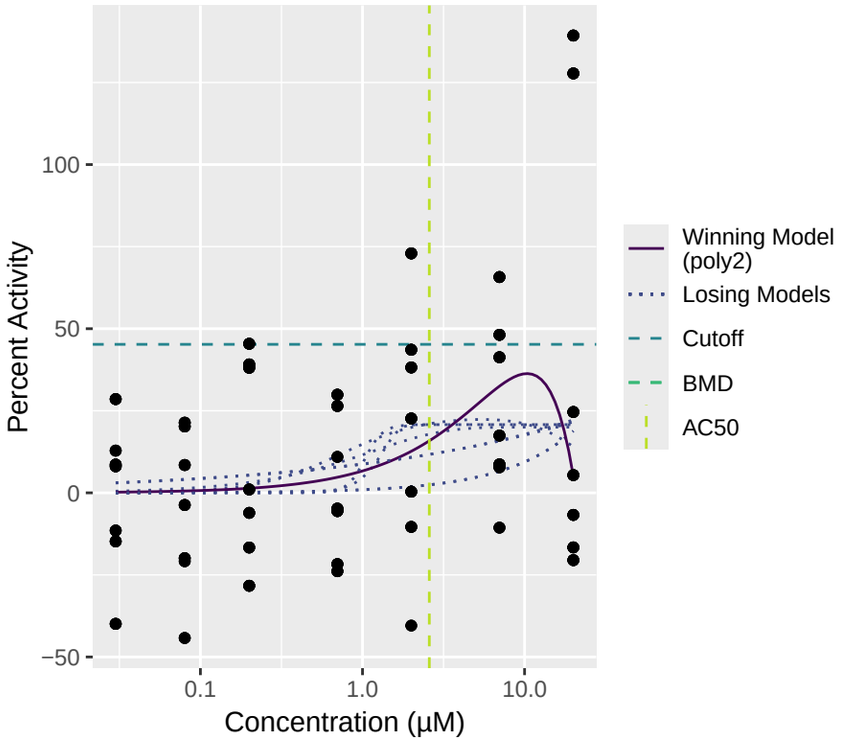
DTXSID1021952 Triphenyl phosphate
SPID:EX000591 AEID:2960 AENM:IUF−NPC2−5_viability_120hr
M4ID:8505653



Hitcall	BMD	AC50
0.000	NA	0.032
model	**aic**	**rme**
gnls	704.853	6.959
exp4	749.416	8.108
exp5	751.325	8.130
hill	751.326	8.130
poly1	759.277	8.222
poly2	759.338	8.149
pow	759.572	8.163
exp2	760.113	8.178
exp3	761.575	8.163
cnst	765.960	8.588

Flags(0): None

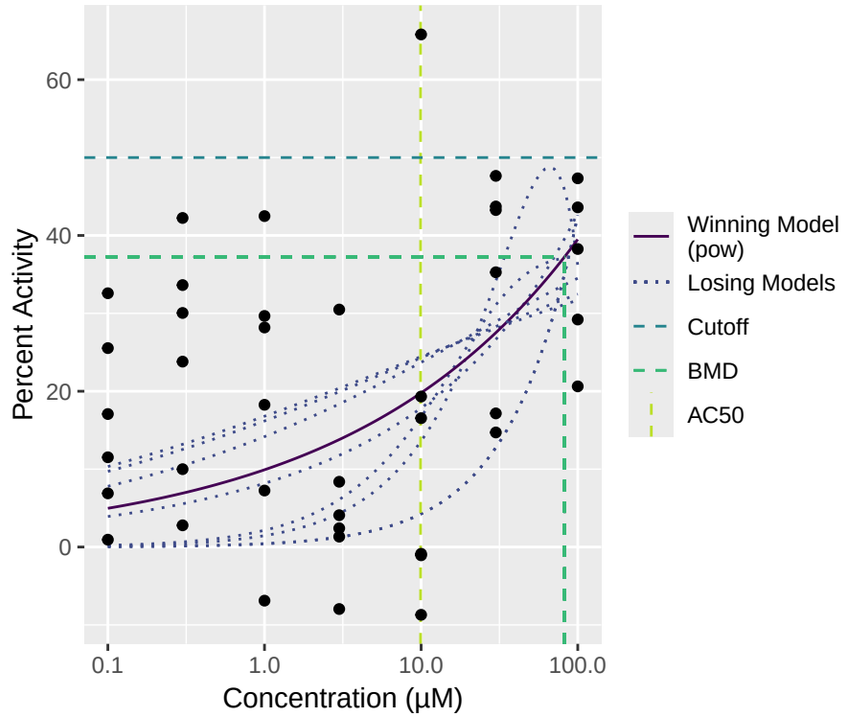
DTXSID9026261 Tris(1,3−dichloro−2−propyl) phosphate
SPID:EX000592 AEID:2946 AENM:IUF_NPC3_neuronal_differentiation_120hr
M4ID:8503970



Flags(0): None

Hitcall	BMD	AC50
0.000	NA	2.584
model	**aic**	**rme**
hill	2.2e+03	34.671
gnls	2.2e+03	35.269
poly2	2.2e+03	36.317
exp4	2.2e+03	34.821
exp5	2.2e+03	34.671
cnst	2.3e+03	39.402
poly1	2.3e+03	36.593
pow	2.3e+03	35.146
exp2	2.3e+03	36.594
exp3	2.3e+03	35.098

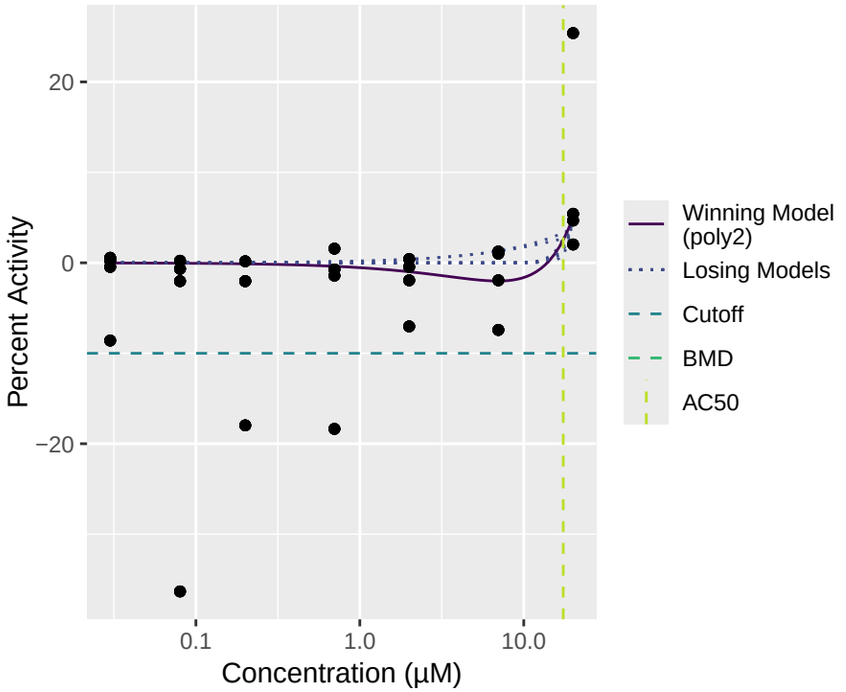
DTXSID6024177 Methamidophos
SPID:TT0000177B02 AEID:2524 AENM:CCTE_Shafer_MEA_dev_correlation_...
M4ID:12950264



Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

Hitcall	BMD	AC50
0.015	82.411	9.921
model	**aic**	**rme**
pow	362.277	17.873
hill	362.554	17.275
exp5	363.013	17.410
exp3	365.921	18.322
gnls	366.546	17.263
poly2	368.747	19.852
exp4	369.058	19.726
poly1	376.009	22.180
exp2	378.024	22.183
cnst	394.593	27.686

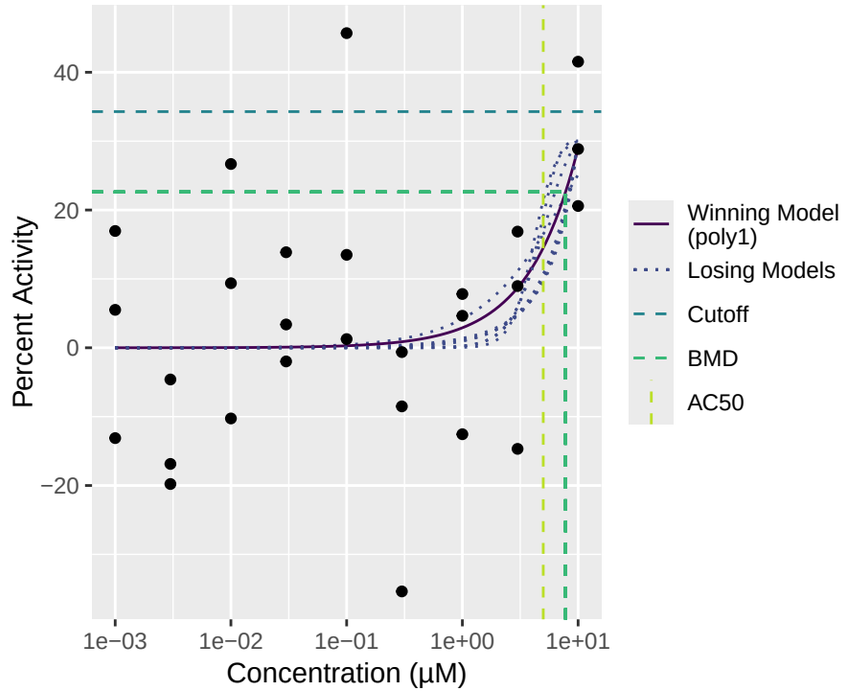
DTXSID5021758 Tris(2−butoxyethyl) phosphate
SPID:EX000593 AEID:2954 AENM:IUF_NPC2−5_cytotoxicity_72hr
M4ID:8504932



Flags(3): Model directionality questionable;
Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)

Hitcall	BMD	AC50
−4.2e−08	21.161	17.410
model	**aic**	**rme**
poly2	943.168	9.558
exp2	950.124	9.657
pow	950.125	9.656
exp3	952.123	9.656
hill	952.124	9.656
exp5	952.126	9.657
gnls	956.125	9.656
poly1	957.950	9.822
exp4	962.619	9.893
cnst	969.800	10.154

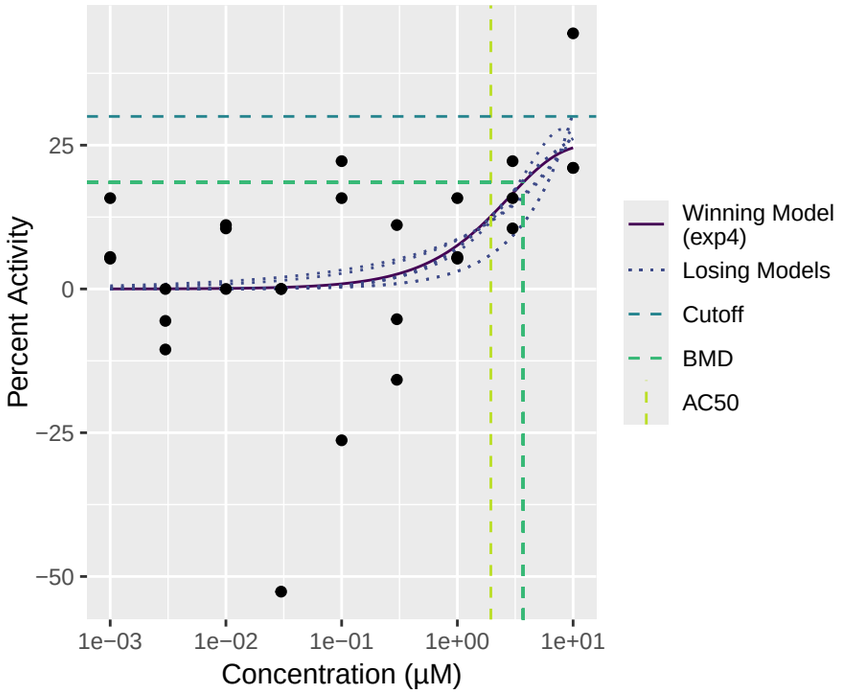
DTXSID9020790 Malaoxon
SPID:TT0000177B03 AEID:2782 AENM:CCTE_Mundy_HCI_Cortical_Synap_Ne...
M4ID:12977922



Flags(3): Bmd > ac50, indication of high baseline variability;
Borderline;
No median responses above baseline (3*bmad)

Hitcall	BMD	AC50
0.122	7.796	5.000
model	**aic**	**rme**
poly1	229.853	16.151
pow	231.528	16.002
poly2	231.556	16.006
exp2	231.572	16.014
exp4	232.754	16.398
hill	233.482	15.999
exp5	233.483	15.999
exp3	233.536	16.003
gnls	237.485	15.998
cnst	238.243	18.950

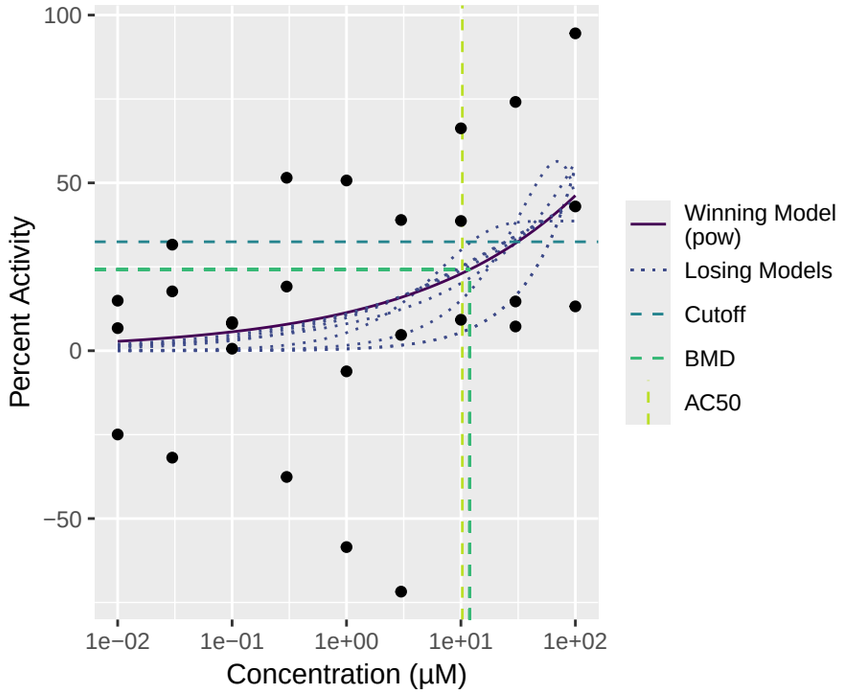
DTXSID9020790 Malaoxon
SPID:TT0000177B03 AEID:2785 AENM:CCTE_Mundy_HCI_Cortical_Synap_Ne...
M4ID:12978520



Hitcall	BMD	AC50
0.108	3.712	1.946
model	**aic**	**rme**
poly2	222.247	14.771
exp4	222.266	14.824
pow	222.314	14.980
poly1	222.628	15.000
hill	224.186	14.757
exp5	224.249	14.799
exp3	224.318	15.068
exp2	224.632	15.000
gnls	228.186	14.757
cnst	235.290	18.573

Flags(3): Bmd > ac50, indication of high baseline variability;
Borderline;
No median responses above baseline (3*bmad)

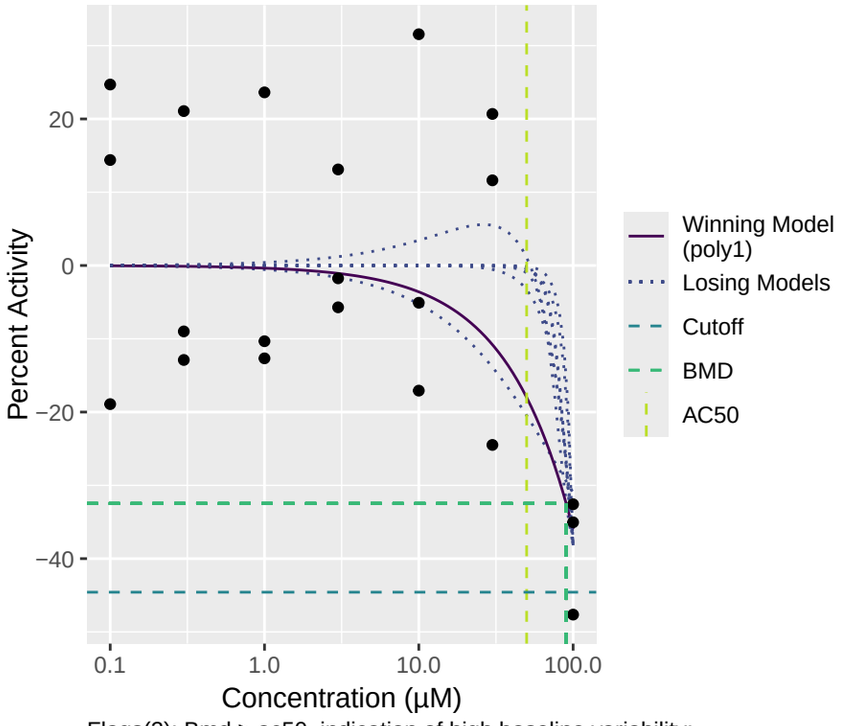
DTXSID4037580 Omethoate
SPID:TT0000177C04 AEID:2786 AENM:CCTE_Mundy_HCI_Cortical_Synap_Ne...
M4ID:12978226



Hitcall	BMD	AC50
0.761	11.945	10.285
model	**aic**	**rme**
pow	273.757	33.787
exp4	273.826	33.559
poly1	274.311	34.584
poly2	274.804	33.515
hill	275.750	33.773
exp5	275.763	33.764
exp3	276.122	33.597
exp2	276.323	34.592
cnst	279.181	40.003
gnls	279.790	33.740

Flags(3): Inactive with multiple concs above baseline (3*bmad);
Bmd > ac50, indication of high baseline variability;
Noisy data

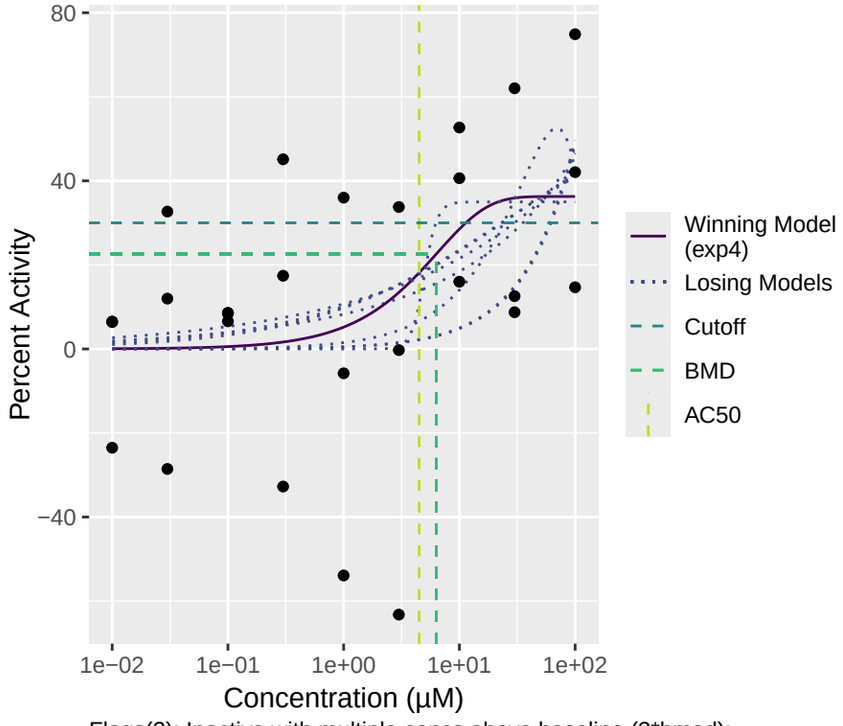
DTXSID4037580 Omethoate
SPID:TT0000177C04 AEID:2514 AENM:CCTE_Shafer_MEA_dev_spike_durati...
M4ID:12947335



Hitcall	BMD	AC50
0.056	90.221	50.000
model	**aic**	**rme**
poly2	185.311	16.139
poly1	185.312	17.134
exp2	185.539	16.195
pow	185.585	16.205
hill	187.524	16.191
exp3	187.524	16.191
exp5	187.524	16.191
exp4	188.712	17.831
gnls	191.525	16.191
cnst	193.419	21.748

Flags(2): Bmd > ac50, indication of high baseline variability;
Borderline

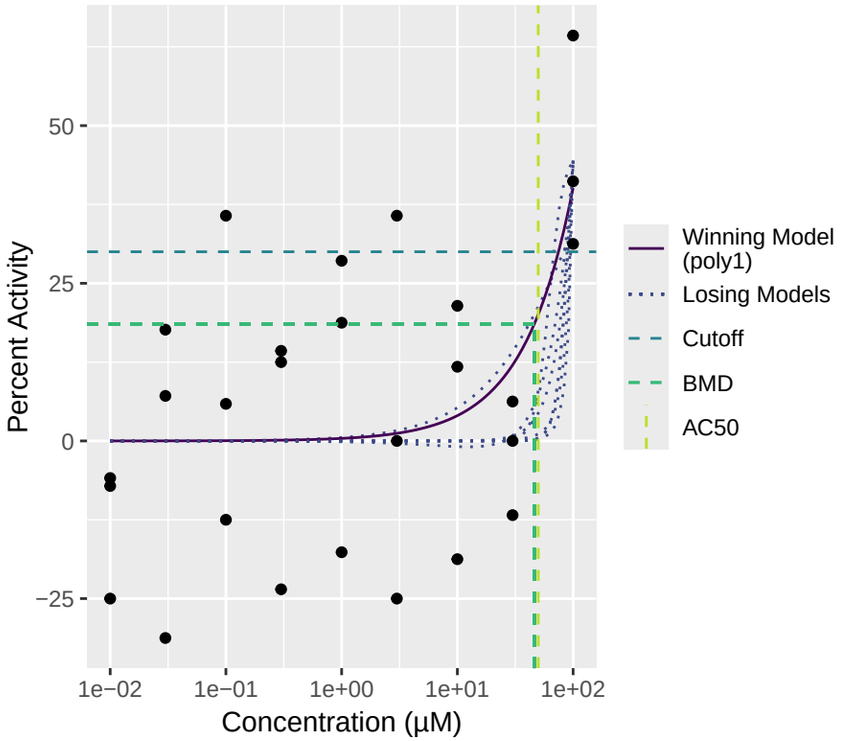
DTXSID4037580 Omethoate
SPID:TT0000177C04 AEID:2788 AENM:CCTE_Mundy_HCI_Cortical_Synap_Ne...
M4ID:12979661



Hitcall	BMD	AC50
0.699	6.325	4.492
model	**aic**	**rme**
exp4	264.618	28.563
pow	264.660	28.913
hill	265.731	27.458
poly1	265.838	29.563
poly2	266.011	28.532
exp5	266.635	28.869
exp3	266.862	28.715
exp2	267.854	29.575
gnls	270.651	28.858
cnst	271.833	34.422

Flags(2): Inactive with multiple concs above baseline (3*bmad);
Bmd > ac50, indication of high baseline variability

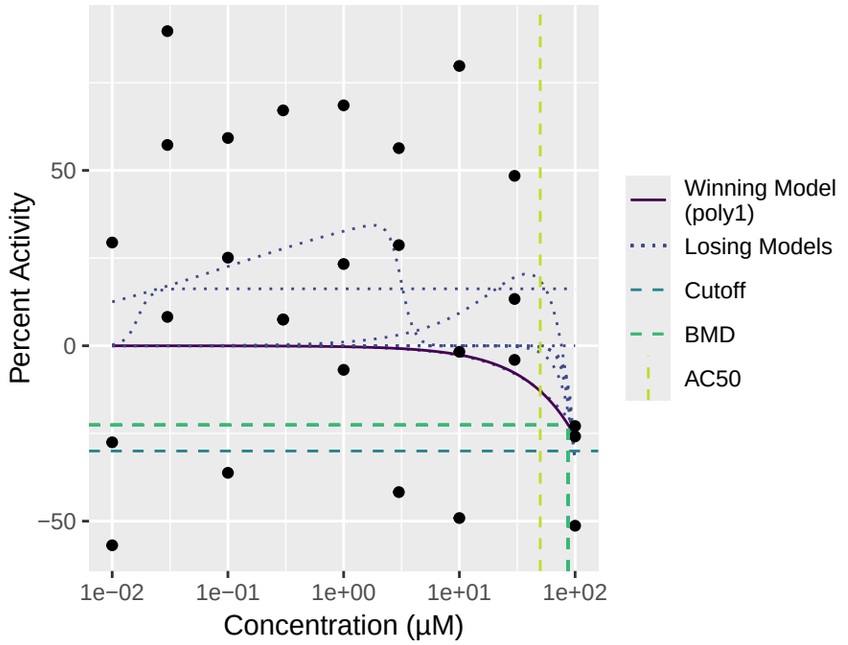
DTXSID4020458 Chlorpyrifos
SPID:TT0000177E02 AEID:2785 AENM:CCTE_Mundy_HCI_Cortical_Synap_Ne...
M4ID:12978530



Hitcall	BMD	AC50
0.749	46.195	50.000
model	**aic**	**rme**
poly1	244.212	19.296
exp2	244.434	18.775
pow	244.465	18.783
poly2	244.595	18.831
hill	246.428	18.772
exp3	246.428	18.773
exp5	246.428	18.772
exp4	247.612	19.798
gnls	250.438	18.776
cnst	252.225	24.145

Flags(0): None

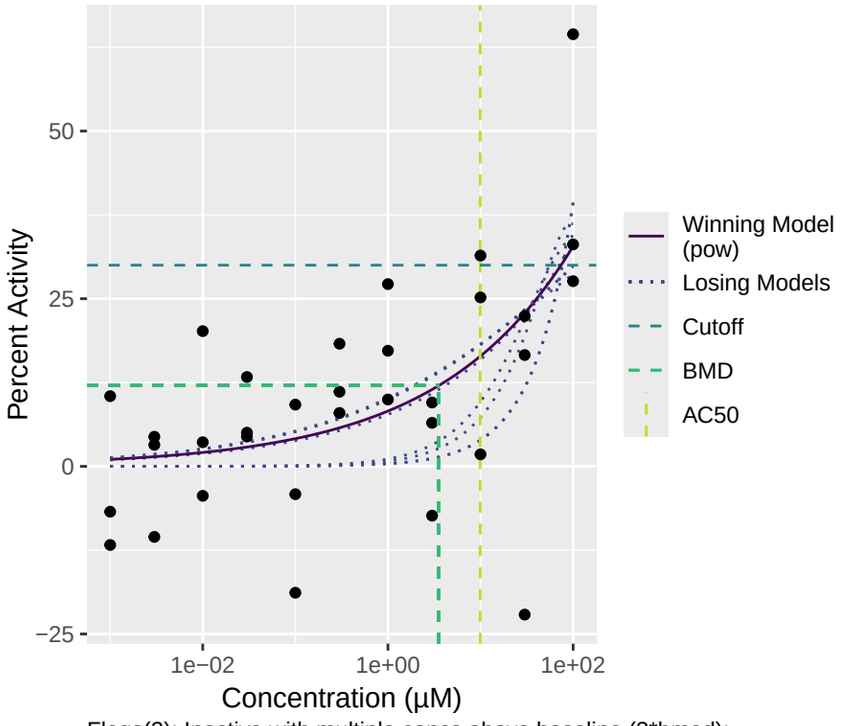
DTXSID9020407 Diazinon
SPID:TT0000177H01 AEID:2788 AENM:CCTE_Mundy_HCI_Cortical_Synap_Ne...
M4ID:12979674



Hitcall	BMD	AC50
0.165	87.458	50.000
model	**aic**	**rme**
cnst	286.304	44.091
poly1	286.778	43.333
poly2	286.874	41.845
exp2	287.843	42.673
pow	287.857	42.681
exp4	288.922	43.420
hill	289.335	41.219
exp5	289.837	42.668
exp3	289.838	42.669
gnls	291.677	40.462

Flags(5): Model directionality questionable;
Bmd > ac50, indication of high baseline variability;
Noisy data;
Borderline;
No median responses above baseline (3*bmad)

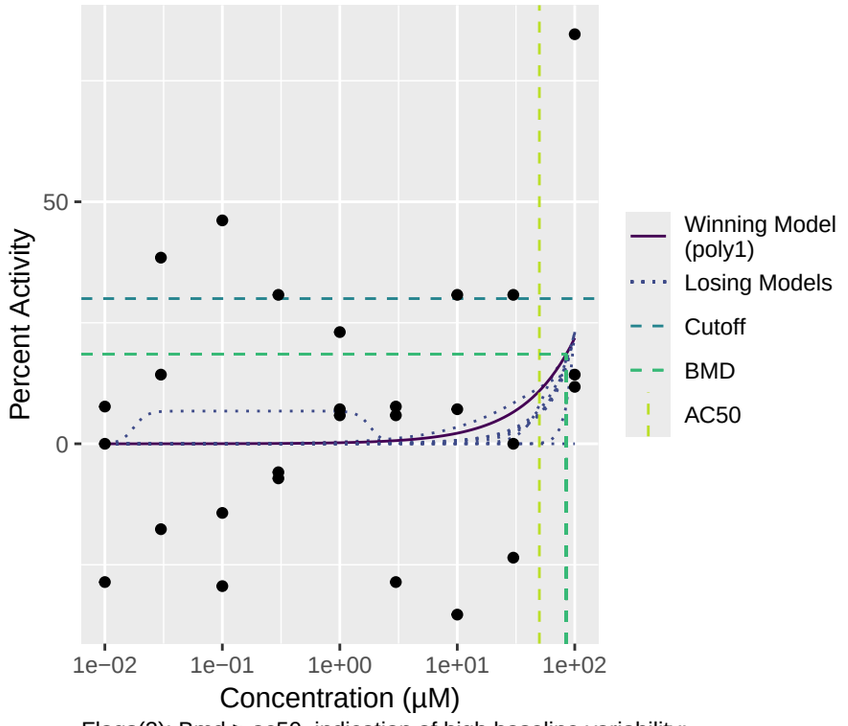
DTXSID9020407 Diazinon
SPID:TT0000177H01 AEID:2779 AENM:CCTE_Mundy_HCI_Cortical_NOG_Neur...
M4ID:12976796



Hitcall	BMD	AC50
0.601	3.546	9.921
model	**aic**	**rme**
pow	268.990	13.707
exp3	271.114	13.654
hill	271.164	13.947
exp5	271.378	14.017
poly1	274.818	14.178
gnls	275.165	13.948
exp4	275.282	14.481
poly2	275.673	14.389
exp2	276.832	14.179
cnst	289.439	19.306

Flags(2): Inactive with multiple concs above baseline (3*bmad);
Borderline

DTXSID7020479 Dimethoate
SPID:TT0000177H02 AEID:2785 AENM:CCTE_Mundy_HCI_Cortical_Synap_Ne...
M4ID:12978539



Hitcall	BMD	AC50
0.128	84.799	50.000
model	**aic**	**rme**
poly1	255.255	24.730
cnst	255.958	27.132
exp2	257.181	24.603
poly2	257.189	24.614
pow	257.196	24.613
exp4	257.619	25.314
exp3	259.190	24.612
hill	259.209	24.618
exp5	259.372	25.055
gnls	265.115	26.667

Flags(2): Bmd > ac50, indication of high baseline variability;
No median responses above baseline (3*bmad)