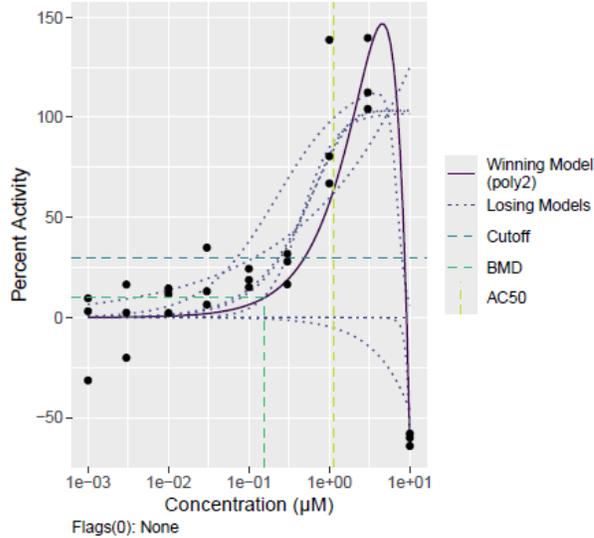# Gain-loss behavior in the apoptosis endpoint
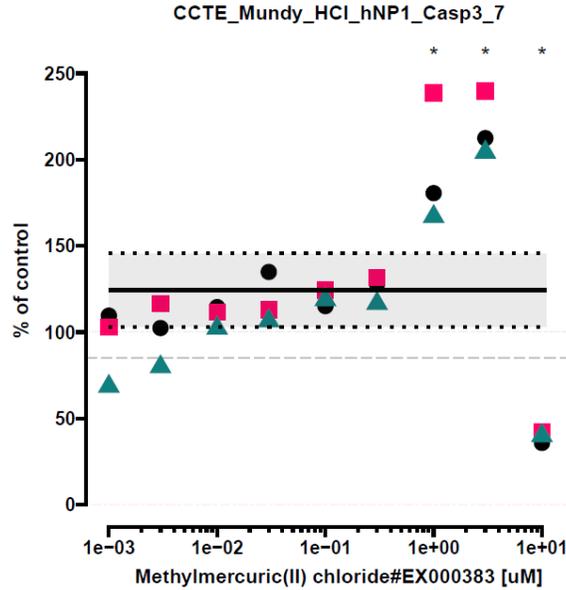
Tcpl

DTXSID5020813 Methylmercuric(II) chloride
SPID:EX000383 AEID:2793 AENM:CCTE_Mundy_HCl_hNP1_Casp3_7
M4ID:12975762

Legend:
- Winning Model (poly2)
- Losing Models
- Cutoff
- BMD
- AC50

Flags(0): None

Hitcall	BMD	AC50
1.000	0.154	1.153
model	aic	rme
poly2	241.178	21.483
gnls	275.205	31.347
exp4	283.310	57.642
exp5	285.269	57.506
hill	286.669	57.307
exp2	293.099	54.443
pow	293.256	66.294
poly1	295.396	59.054
cnst	296.404	58.085
exp3	302.404	58.085

CRStats

CCTE_Mundy_HCl_hNP1_Casp3_7

Methylmercuric(II) chloride#EX000383 [uM]

Model: 1-Parameter
Model abbr.: lm.1
AIC: 294.75484958161

BMR: 15
BMCL: NA
BMC: NA
BMCU: NA

DIVER

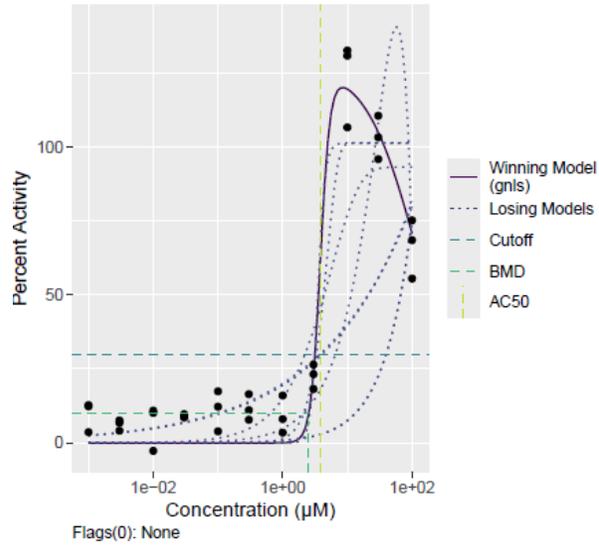CCTE_Mundy_HCl_hNP1_Casp3_7

BMC: 2.20e-01
score: 0.973
flag: u

Gain-loss behavior in the apoptosis endpoint

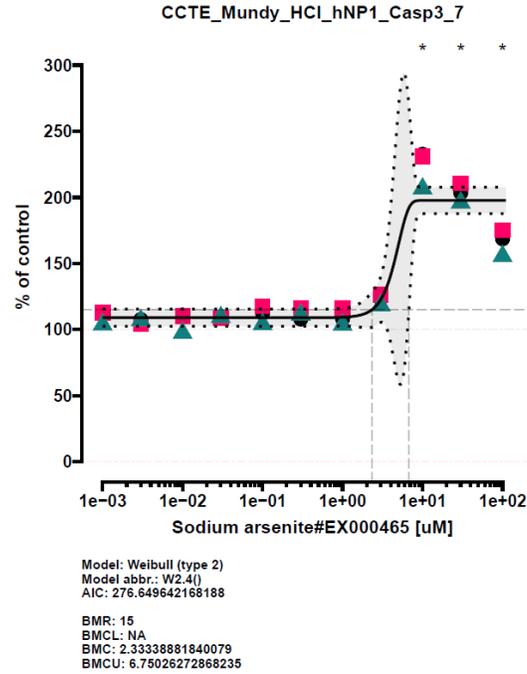## Tcpl

DTXSID5020104 Sodium arsenite
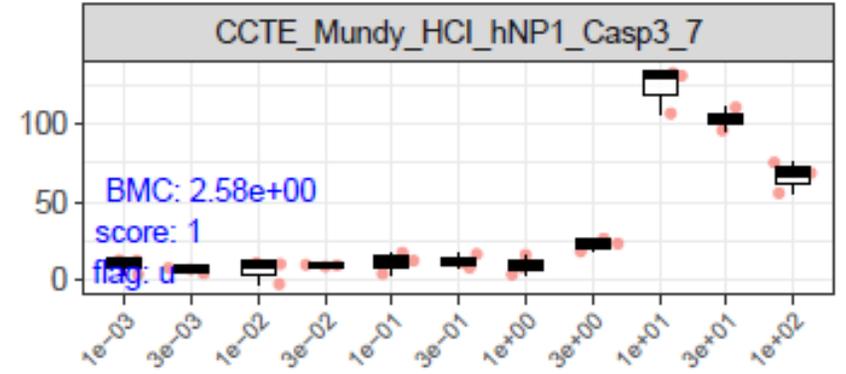SPID:EX000465 AEID:2793 AENM:CCTE_Mundy_HCl_hNP1_Casp3_7
M4ID:12975817

Hitcall	BMD	AC50
1.000	2.525	3.797
model	aic	rme
gnls	260.181	9.629
exp5	280.864	15.585
hill	281.330	15.644
exp4	290.277	19.091
poly2	290.681	25.569
pow	309.319	30.106
exp3	311.876	30.301
poly1	334.996	44.075
exp2	337.012	44.090
cnst	353.150	53.744

Flags(0): None

CRStats

CCTE_Mundy_HCl_hNP1_Casp3_7

Model: Weibull (type 2)
Model abbr.: W2.4()
AIC: 276.649642168188

BMR: 15
BMCL: NA
BMC: 2.33338881840079
BMCU: 6.75026272868235

DIVER

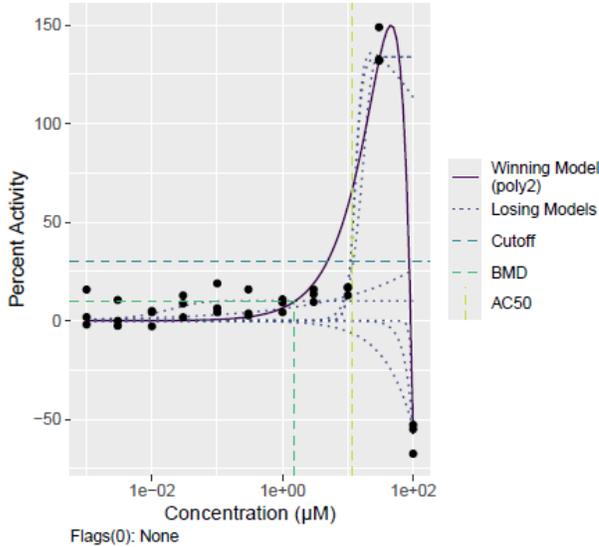CCTE_Mundy_HCl_hNP1_Casp3_7

BMC: 2.58e+00
score: 1
flag: u

Gain-loss behavior in the apoptosis endpoint

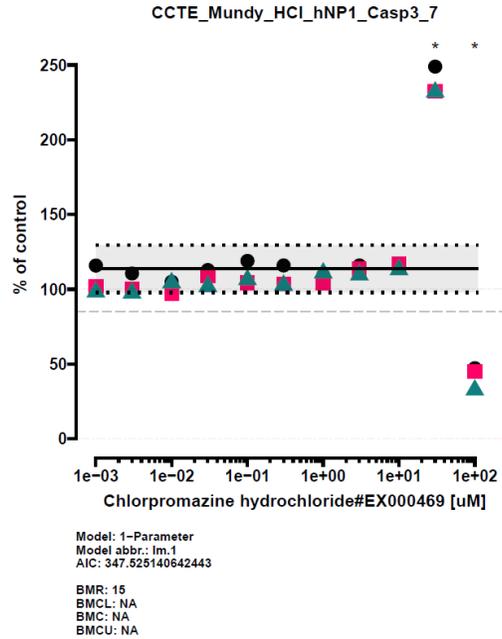## Tcpl

DTXSID7024827 Chlorpromazine hydrochloride
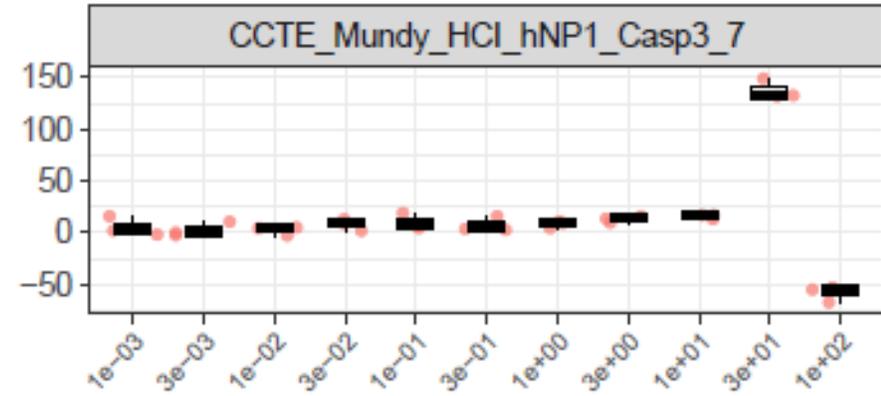SPID:EX000469 AEID:2793 AENM:CCTE_Mundy_HCl_hNP1_Casp3_7
M4ID:12975821

Hitcall	BMD	AC50
1.000	1.522	11.557
model	aic	rme
poly2	266.074	14.837
exp2	309.673	42.682
pow	309.863	42.930
poly1	315.148	47.750
exp5	316.506	58.617
hill	316.636	58.630
gnls	317.263	52.501
exp4	325.508	44.115
cnst	328.118	46.173
exp3	332.392	44.741

Flags(0): None

CRStats

CCTE_Mundy_HCl_hNP1_Casp3_7

Model: 1−Parameter
Model abbr.: lm.1
AIC: 347.525140642443

BMR: 15
BMCL: NA
BMC: NA
BMCU: NA

DIVER

CCTE_Mundy_HCl_hNP1_Casp3_7

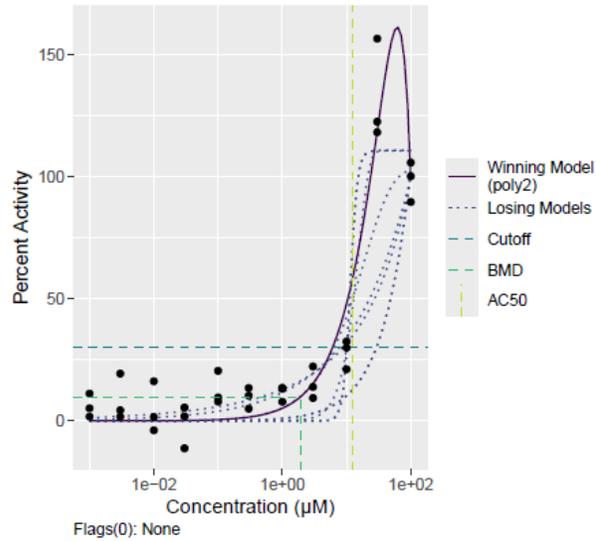# Gain-loss behavior in the apoptosis endpoint

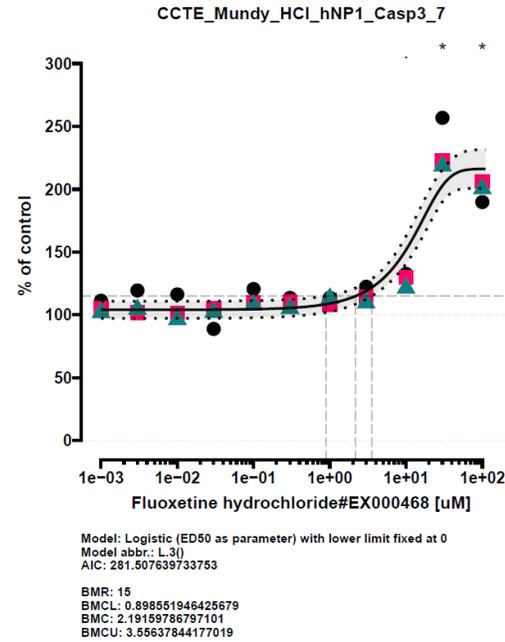## Tcpl

DTXSID7020635 Fluoxetine hydrochloride
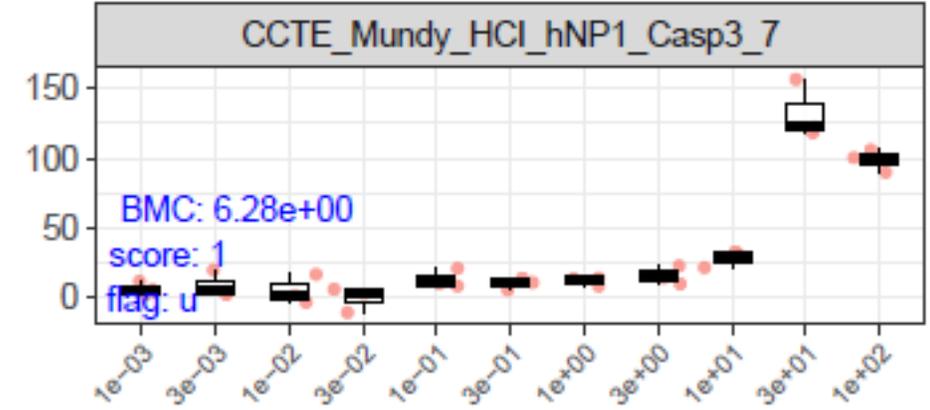SPID:EX000468 AEID:2793 AENM:CCTE_Mundy_HCl_hNP1_Casp3_7
M4ID:12975820

Hitcall	BMD	AC50
1.000	1.896	12.651
model	aic	rme
poly2	262.366	12.151
exp5	271.401	13.456
hill	272.088	13.537
gnls	276.088	13.537
exp4	279.859	18.527
pow	281.389	24.550
exp3	282.407	25.656
poly1	303.951	32.937
exp2	305.987	32.956
cnst	344.011	51.781

Flags(0): None

CRStats

CCTE_Mundy_HCl_hNP1_Casp3_7

Model: Logistic (ED50 as parameter) with lower limit fixed at 0
Model abbr.: L.3()
AIC: 281.507639733753

BMR: 15
BMCL: 0.898551946425679
BMC: 2.19159786797101
BMCU: 3.55637844177019

DIVER

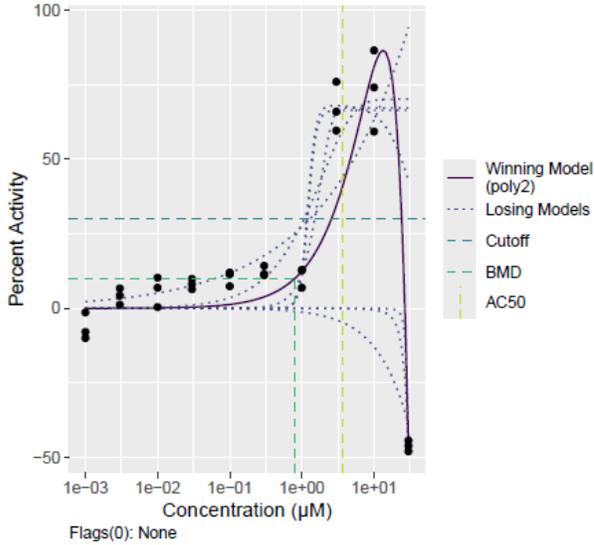CCTE_Mundy_HCl_hNP1_Casp3_7

BMC: 6.28e+00
score: 1
flag: u

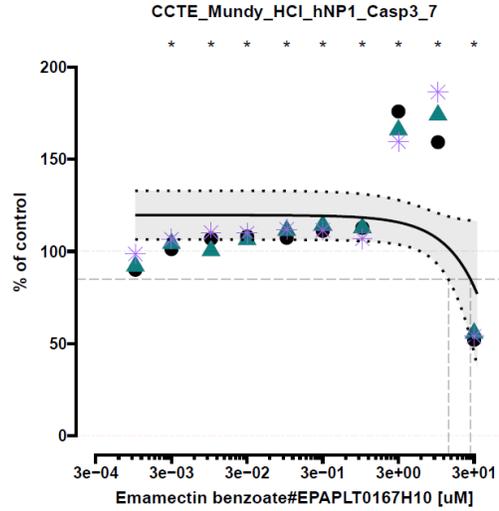# Gain-loss behavior in the apoptosis endpoint

Tcpl

DTXSID0034566 Emamectin benzoate
SPID:EPAPLT0167H10 AEID:2793 AENM:CCTE_Mundy_HCl_hNP1_Casp3_7
M4ID:12975647

Flags(0): None

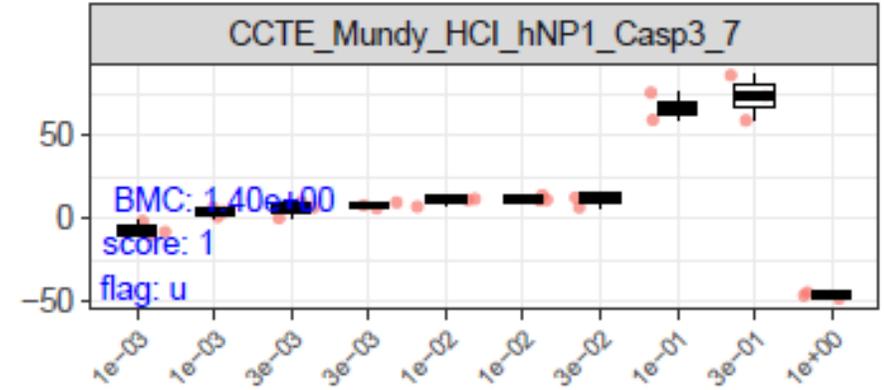| Hitcall	BMD	AC50
1.000	0.779	3.624
model	aic	rme
poly2	238.722	12.872
gnls	276.394	29.347
exp5	278.398	36.751
hill	278.597	36.521
exp4	280.810	37.910
exp2	291.901	32.733
pow	292.351	45.896
exp3	293.547	32.598
poly1	295.835	36.488
cnst	299.160	35.706

CRStats

CCTE_Mundy_HCl_hNP1_Casp3_7

Model: Linear
Model abbr.: lm
AIC: 296.668004466041

BMR: 15
BMCL: 13.6554380689605
BMC: 26.7999894551121
BMCU: NA

DIVER

CCTE_Mundy_HCl_hNP1_Casp3_7

BMC: 1.40e+00
score: 1
flag: u
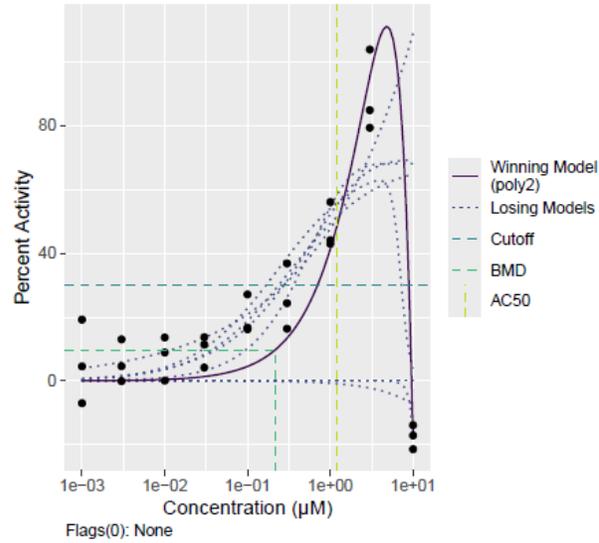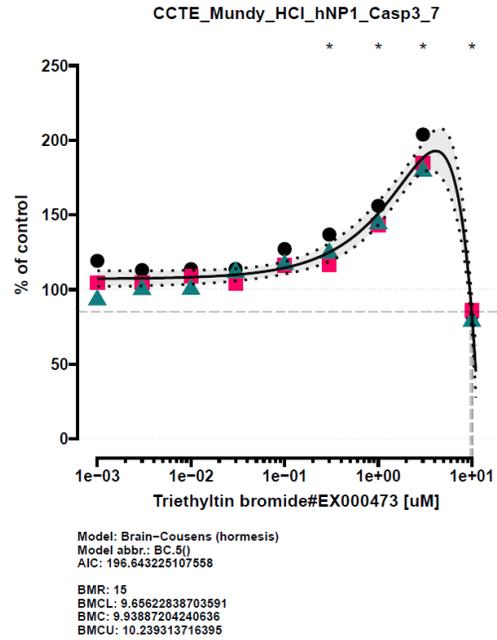
Gain-loss behavior in the apoptosis endpoint

Tcpl

DTXSID9040712 Triethyltin bromide
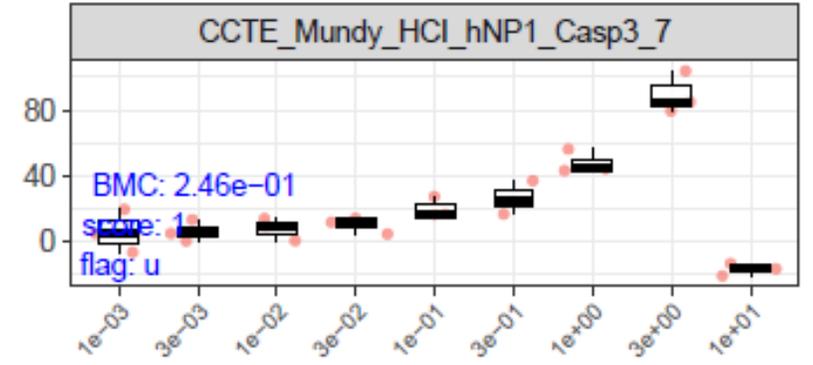SPID:EX000473 AEID:2793 AENM:CCTE_Mundy_HCl_hNP1_Casp3_7
M4ID:12975825

Legend:
- Winning Model (poly2)
- Losing Models
- Cutoff
- BMD
- AC50

Flags(0): None

Hitcall	BMD	AC50
1.000	0.217	1.176
model	aic	rme
poly2	214.733	11.034
gnls	232.894	14.555
exp4	254.279	30.741
exp5	254.622	30.921
hill	256.440	30.217
pow	259.587	43.167
cnst	270.054	36.935
poly1	271.808	37.357
exp2	272.340	36.479
exp3	276.054	36.935

CRStats

CCTE_Mundy_HCl_hNP1_Casp3_7

Model: Brain–Cousens (hormesis)
Model abbr.: BC.5()
AIC: 196.643225107558

BMR: 15
BMCL: 9.65622838703591
BMC: 9.93887204240636
BMCU: 10.239313716395

DIVER

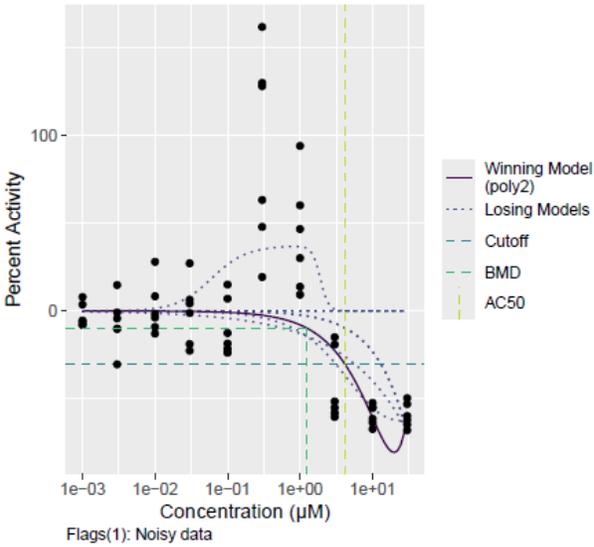CCTE_Mundy_HCl_hNP1_Casp3_7

BMC: 2.46e-01
score: 1
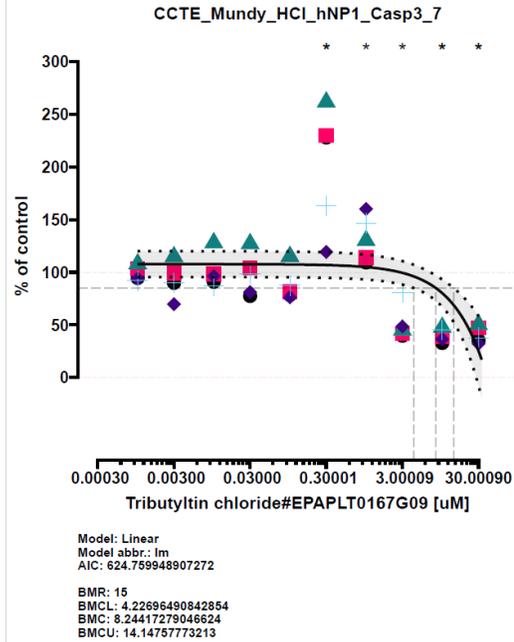flag: u

Gain-loss behavior in the apoptosis endpoint

Tcpl

DTXSID3027403 Tributyltin chloride
SPID:EPAPLT0167G09 AEID:2793 AENM:CCTE_Mundy_HCl_hNP1_Casp3_7
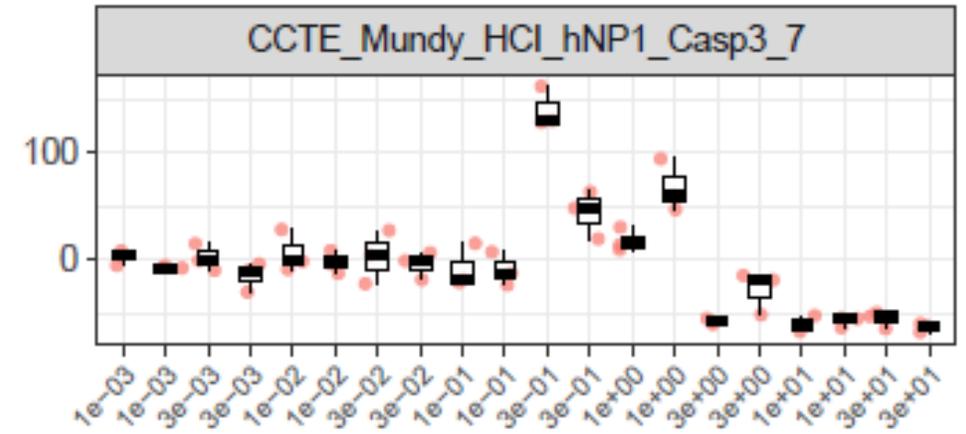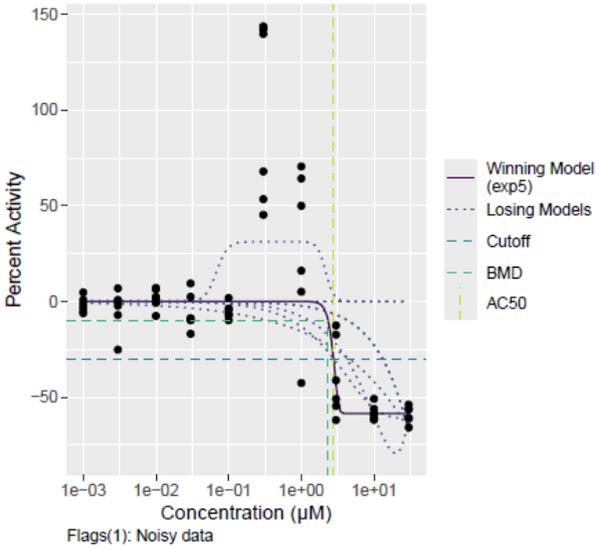M4ID:12975636

Hitcall	BMD	AC50
0.999	1.241	4.180
model	aic	rme
poly2	591.184	40.844
exp4	592.199	41.411
pow	602.014	43.053
poly1	607.058	42.556
exp2	609.068	42.558
gnls	635.148	42.859
cnst	635.415	48.969
exp3	641.415	48.969
exp5	641.419	48.970
hill	641.420	48.970

Flags(1): Noisy data

CRStats

CCTE_Mundy_HCl_hNP1_Casp3_7

Model: Linear
Model abbr.: lm
AIC: 624.759948907272

BMR: 15
BMCL: 4.22696490842854
BMC: 8.24417279046624
BMCU: 14.14757773213

DIVER

CCTE_Mundy_HCl_hNP1_Casp3_7

Gain-loss behavior in the apoptosis endpoint

Tcpl

CRStats

DIVER