

Supplemental Data

Screening the ToxCast Chemical Libraries for Binding to Transthyretin

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Number of Tables: 6 (separate Excel file)

Number of Figures: 2

Supplemental Figures

Supplemental Figure 1.....page S3

(A). Example layout of the reaction plates for single-point screening with single target concentration of 100 μ M. Plates were received with column 1 empty for the concentration-response curve for the model ligand L-thyroxine (T4) to be added. Twelve additional wells were left empty on the source plate for addition of dimethyl sulfoxide (DMSO) to two wells (orange blocks), additional high and low concentrations of the model ligand (green blocks) to establish the full response level, and transthyretin (TTR, blue blocks) to correct for background fluorescence. The twelve empty wells were randomly assigned on each plate. (B) Reaction plate layout for concentration-response screening. The concentration-response curve for the model ligand L-thyroxine (T4) was in row A, columns 1-8 with additional high and low concentration model ligand wells in row B, columns 1-6 to establish the full response curve. Rows A and B columns 9 and 10 contained dimethyl sulfoxide (DMSO, orange blocks) and columns 11 and 12 contained transthyretin (TTR, blue blocks) to correct for background fluorescence.

Supplemental Figure 2.....page S4

Concentration-response data. Transthyretin binding of all chemicals tested in concentration-response mode at 12 concentrations. Chemical concentration on the x-axis and percent activity on the y-axis. Hill model curve, EC50, and Hill slope included for the chemicals where Hill model fit in ToxCast pipeline (tcpl v 3.0.1).

Figure S1: Example layouts for single concentration (A) and concentration response (B) assay plates. Green boxes denote the T4 curve and additional wells containing high and low concentration of T4, blue boxes denote TTR control wells, and orange denotes 0.5% DMSO wells. White boxes represent the location of test chemicals, and black boxes denote empty wells.

A.

	1	2	3	4	5	6	7	8	9	10	11	12
A	[High T4]						DMSO					
B		TTR									TTR	
C								[High T4]	DMSO		[Low T4]	
D		TTR										
E						[High T4]					[Low T4]	
F												
G									TTR			
H	[Low T4]				[Low T4]							[High T4]

B.

	1	2	3	4	5	6	7	8	9	10	11	12
A	[High T4]							[Low T4]	DMSO	DMSO	TTR	TTR
B	[High T4]	[High T4]	[High T4]	[Low T4]	[Low T4]	[Low T4]			DMSO	DMSO	TTR	TTR
C	Chem 1	Chem 1	Chem 1	Chem 1	Chem 1	Chem 1	Chem 1	Chem 1	Chem 1	Chem 1	Chem 1	Chem 1
D	Chem 2	Chem 2	Chem 2	Chem 2	Chem 2	Chem 2	Chem 2	Chem 2	Chem 2	Chem 2	Chem 2	Chem 2
E	Chem 3	Chem 3	Chem 3	Chem 3	Chem 3	Chem 3	Chem 3	Chem 3	Chem 3	Chem 3	Chem 3	Chem 3
F	Chem 4	Chem 4	Chem 4	Chem 4	Chem 4	Chem 4	Chem 4	Chem 4	Chem 4	Chem 4	Chem 4	Chem 4
G	Chem 5	Chem 5	Chem 5	Chem 5	Chem 5	Chem 5	Chem 5	Chem 5	Chem 5	Chem 5	Chem 5	Chem 5
H	Chem 6	Chem 6	Chem 6	Chem 6	Chem 6	Chem 6	Chem 6	Chem 6	Chem 6	Chem 6	Chem 6	Chem 6

Figure S2: Plots of all chemicals tested in concentration-response mode at 12 concentrations. Plots are presented with the chemical concentration along the x-axis and percent activity on the y-axis. Model fit, EC50, and Hill slope are included for chemicals where the Hill model fit in the ToxCast pipeline (tcpl v 3.0.1).

Potassium perfluorooctanesulfonate

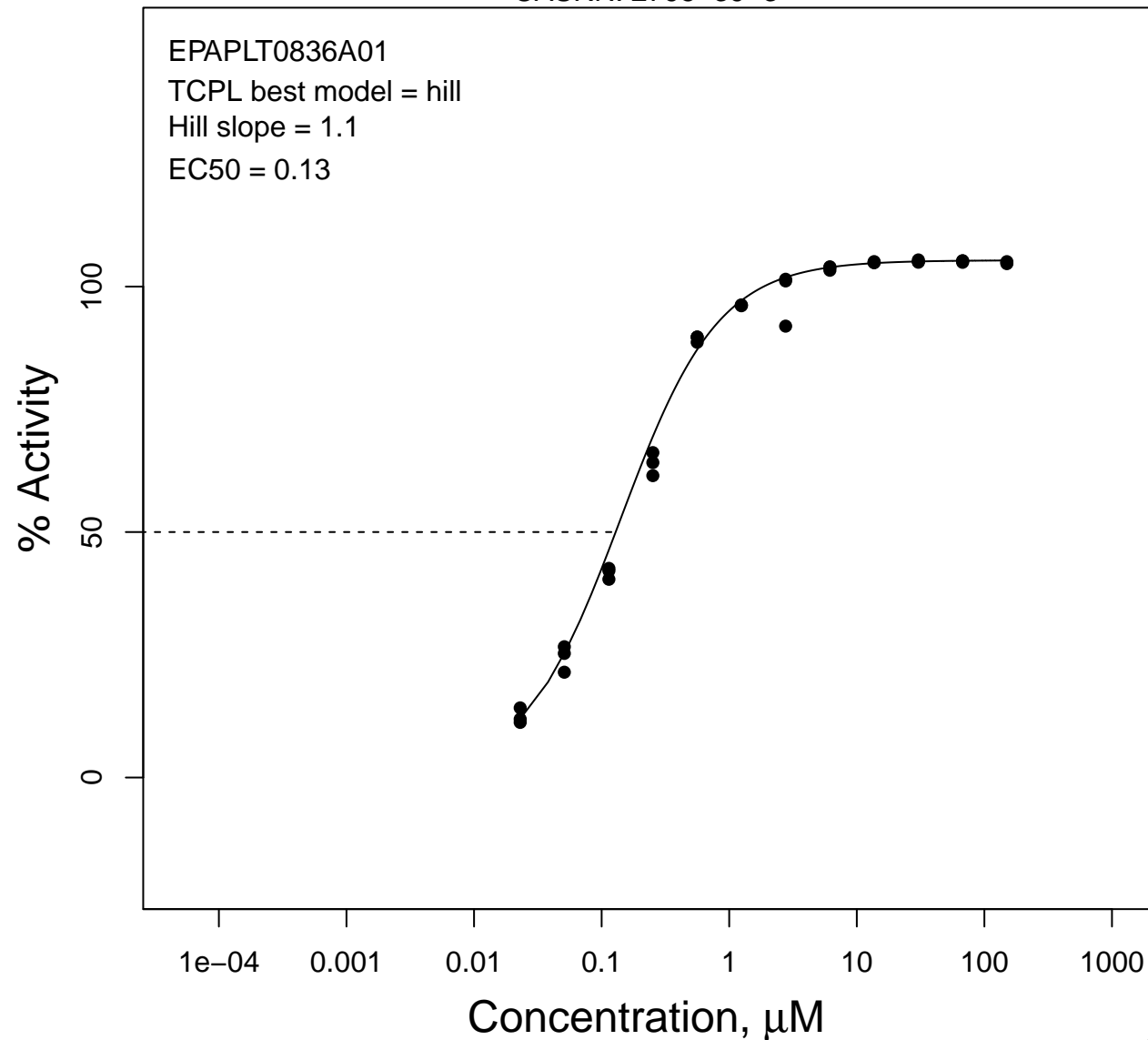
CASRN: 2795-39-3

EPAPLT0836A01

TCPL best model = hill

Hill slope = 1.1

EC50 = 0.13



Gentian Violet

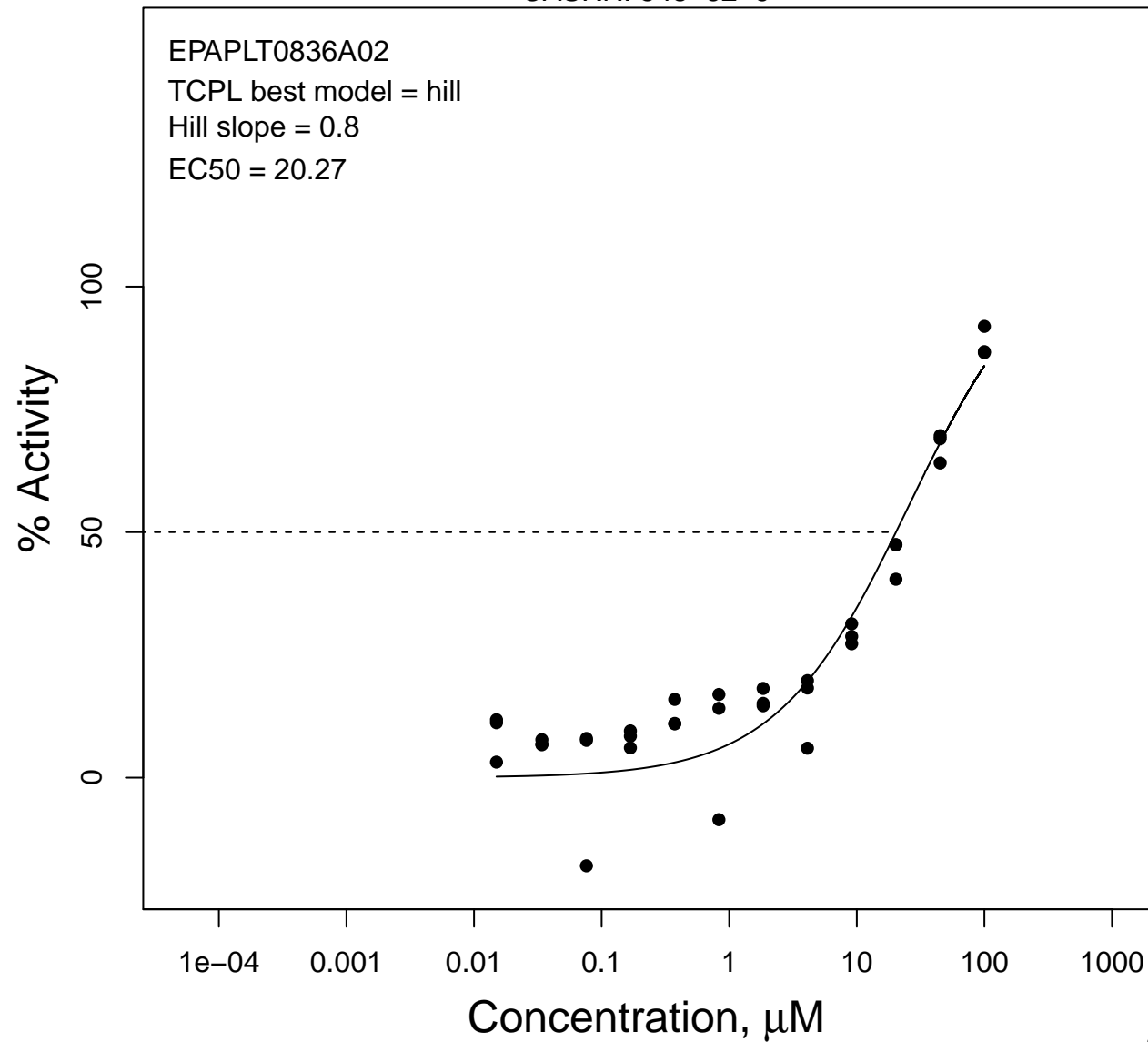
CASRN: 548-62-9

EPAPLT0836A02

TCPL best model = hill

Hill slope = 0.8

EC50 = 20.27



Potassium perfluorohexanesulfonate

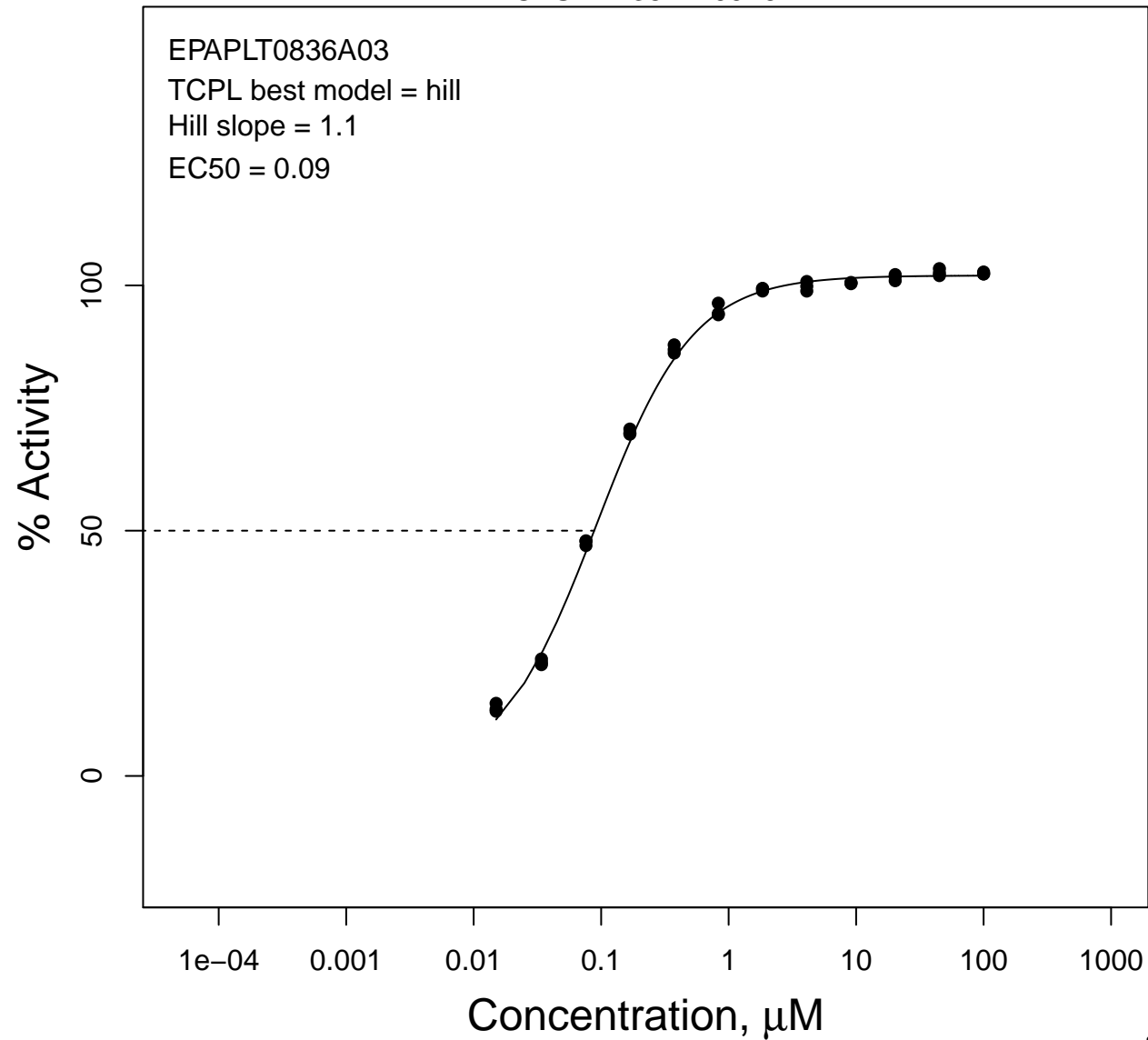
CASRN: 3871-99-6

EPAPLT0836A03

TCPL best model = hill

Hill slope = 1.1

EC50 = 0.09



Bisphenol AF

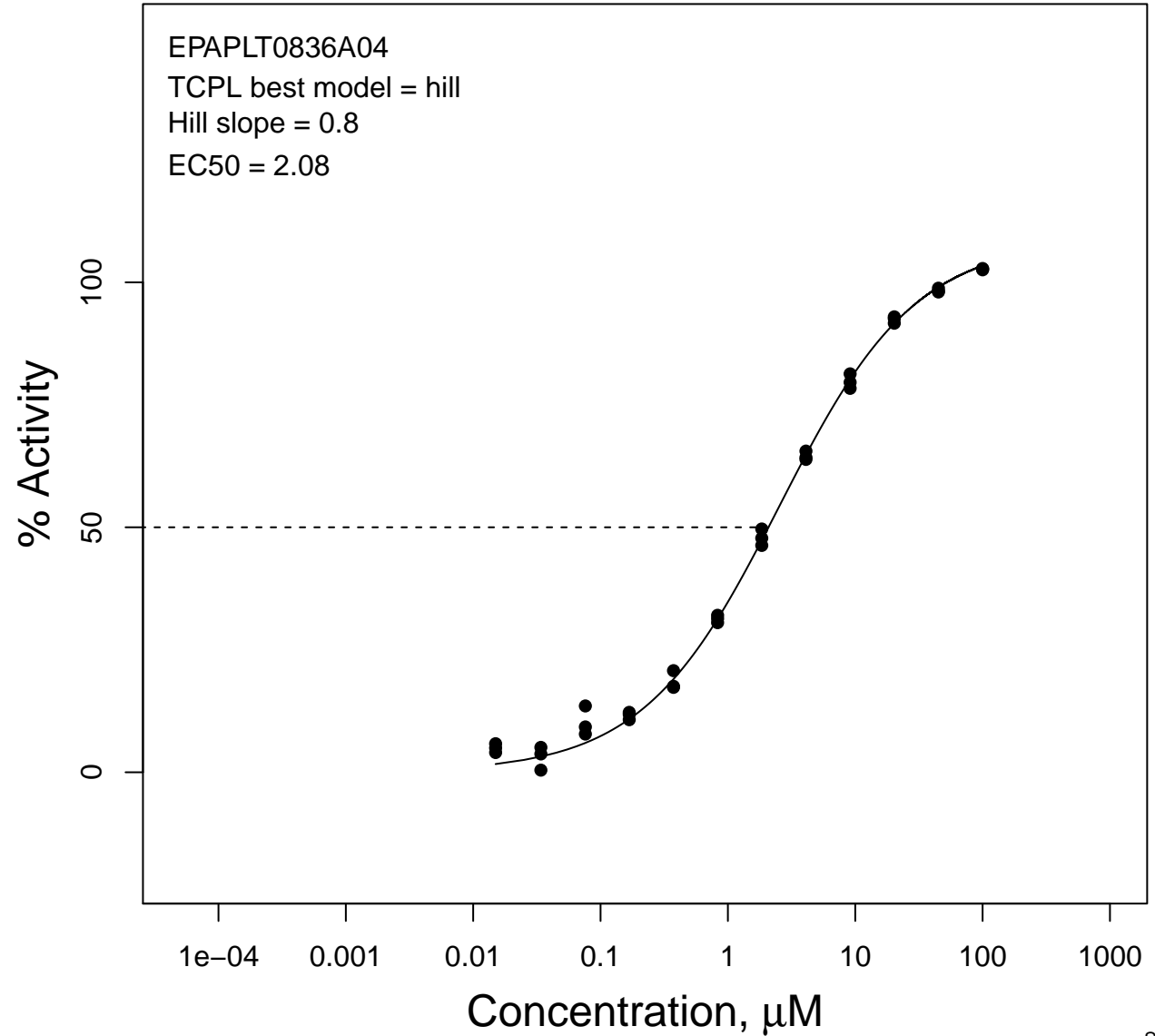
CASRN: 1478-61-1

EPAPLT0836A04

TCPL best model = hill

Hill slope = 0.8

EC50 = 2.08



Prednisone

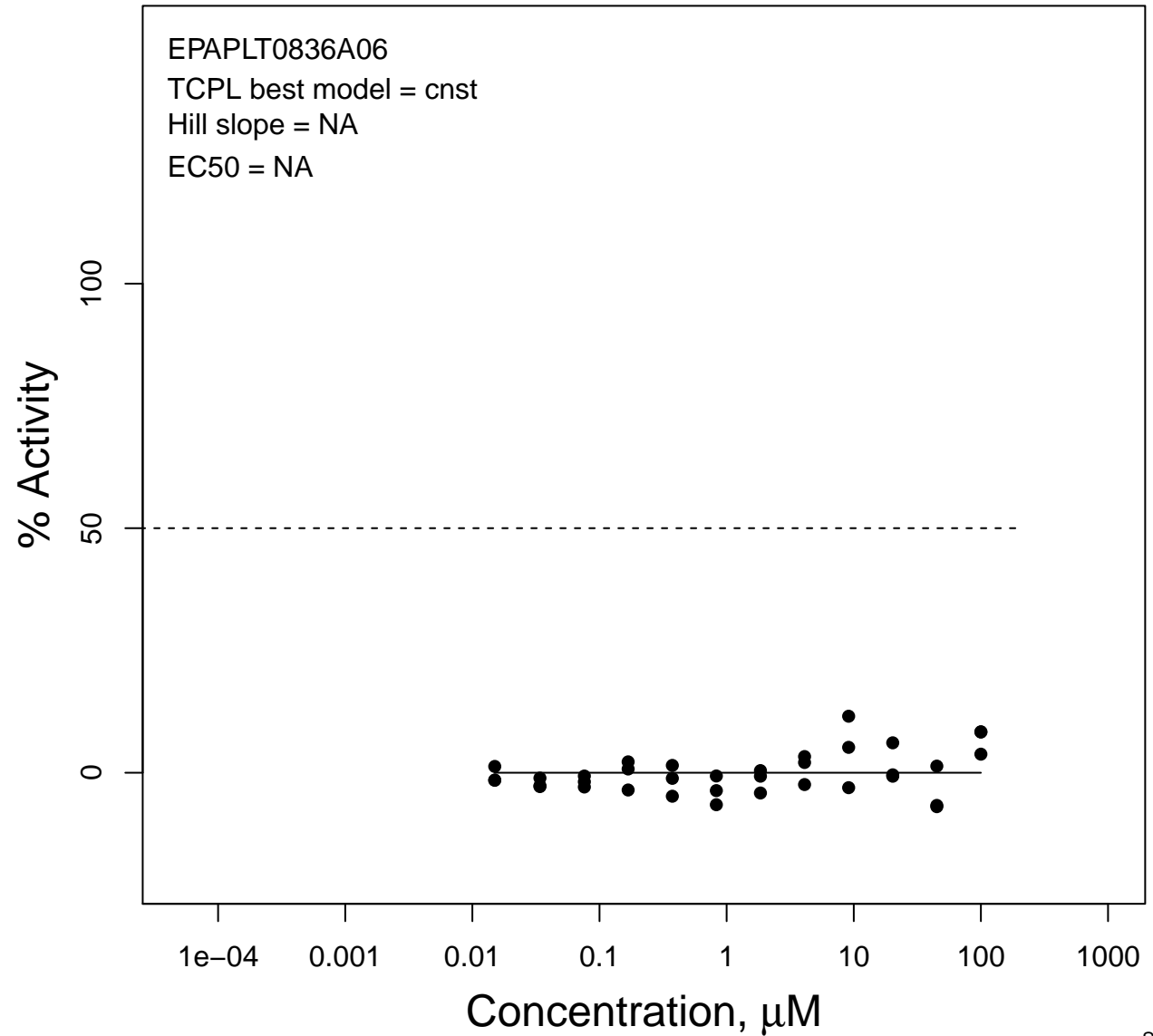
CASRN: 53-03-2

EPAPLT0836A06

TCPL best model = cnst

Hill slope = NA

EC50 = NA



Diethylstilbestrol

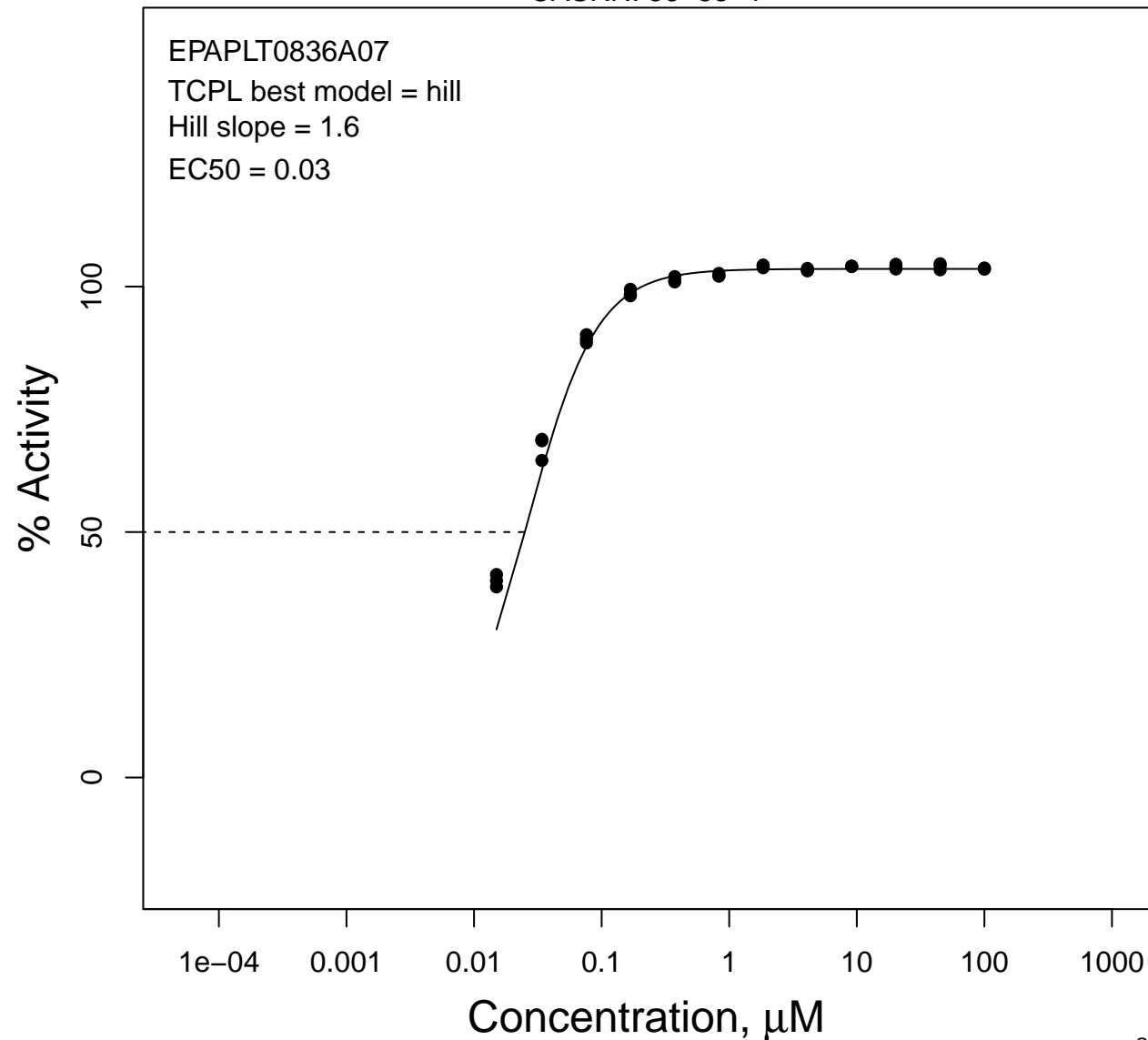
CASRN: 56-53-1

EPAPLT0836A07

TCPL best model = hill

Hill slope = 1.6

EC50 = 0.03



4-Cumylphenol

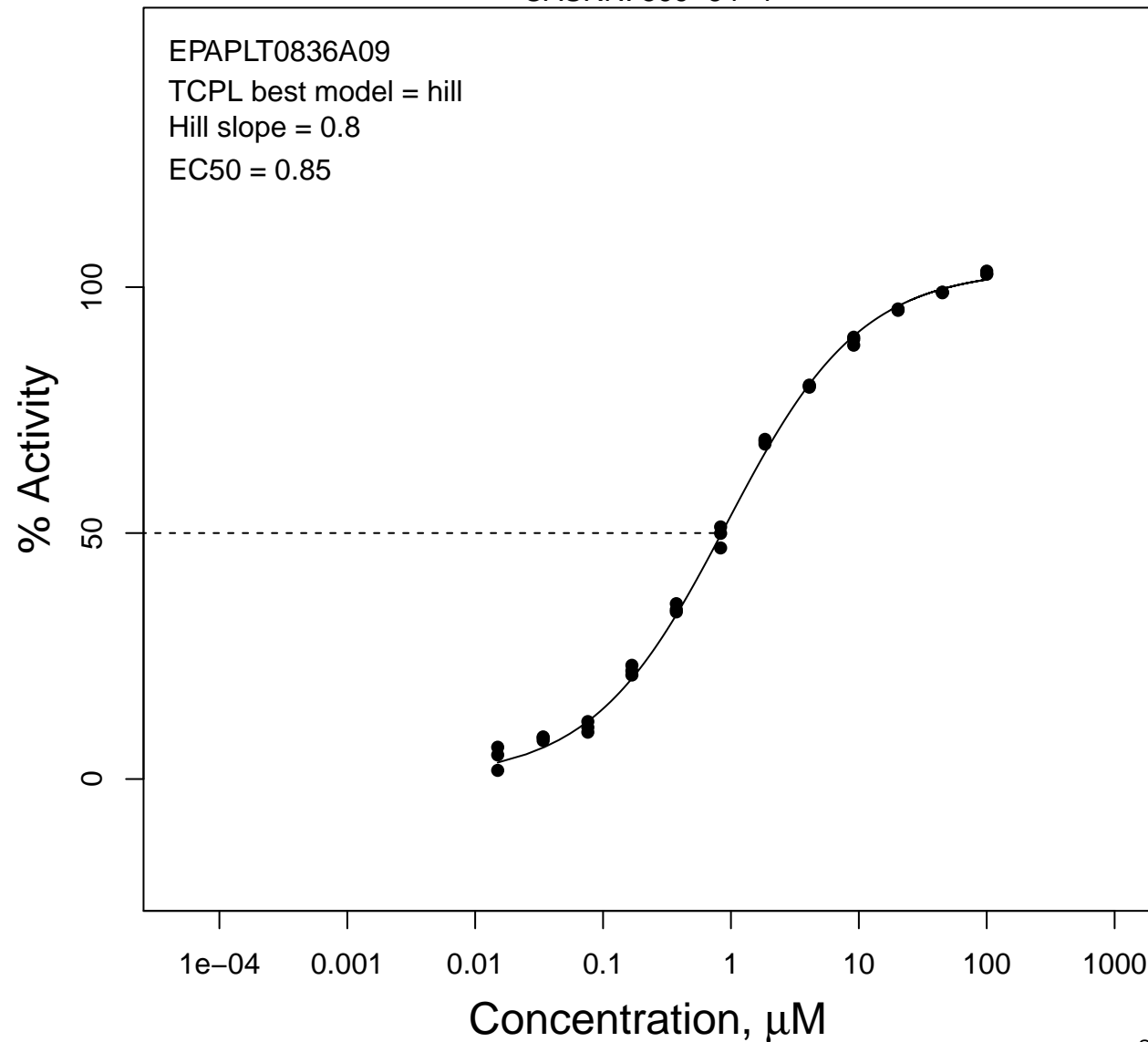
CASRN: 599-64-4

EPAPLT0836A09

TCPL best model = hill

Hill slope = 0.8

EC50 = 0.85



2-Ethylhexyl p-hydroxybenzoate

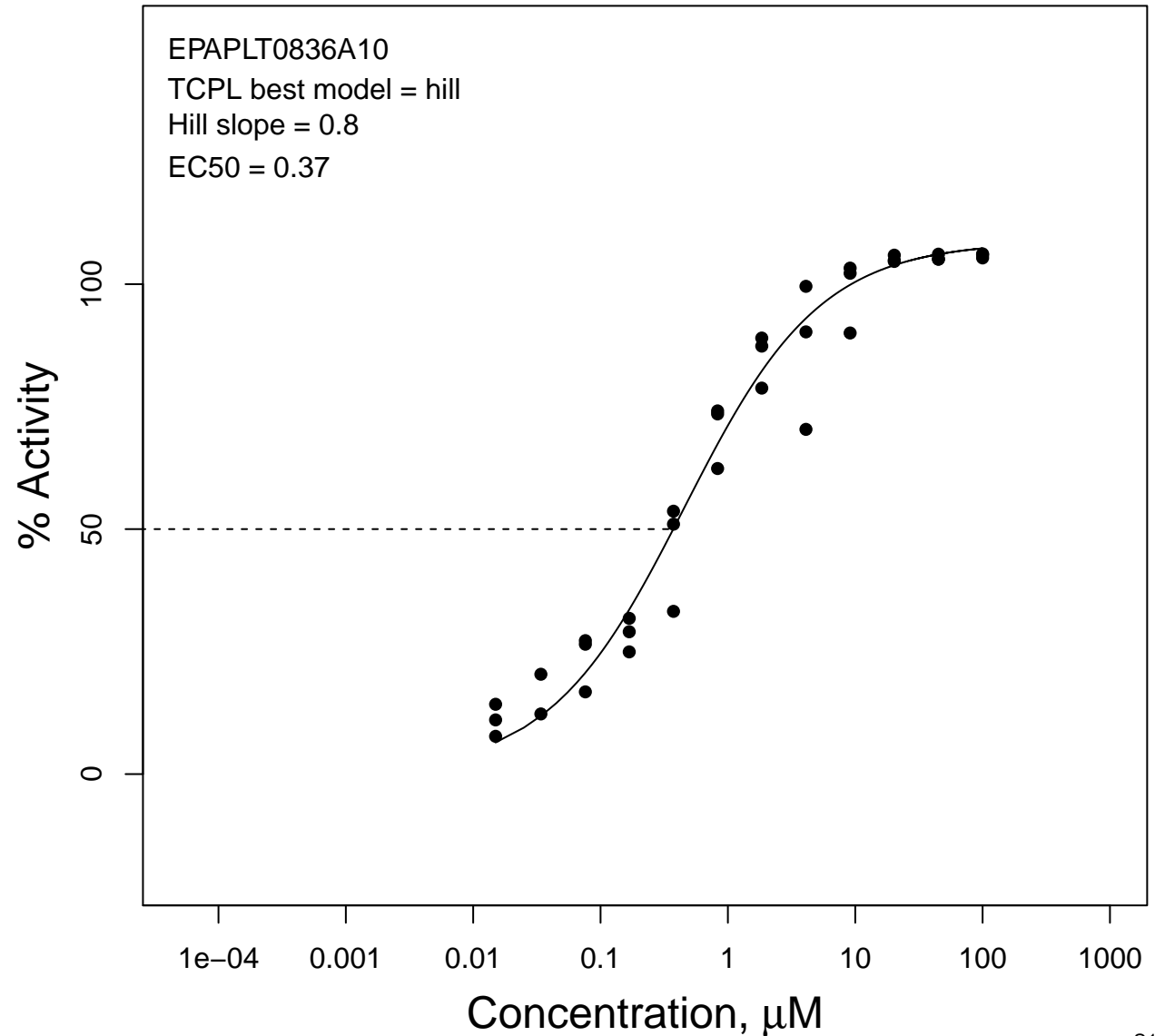
CASRN: 5153-25-3

EPAPLT0836A10

TCPL best model = hill

Hill slope = 0.8

EC50 = 0.37



4-Nonylphenol, branched

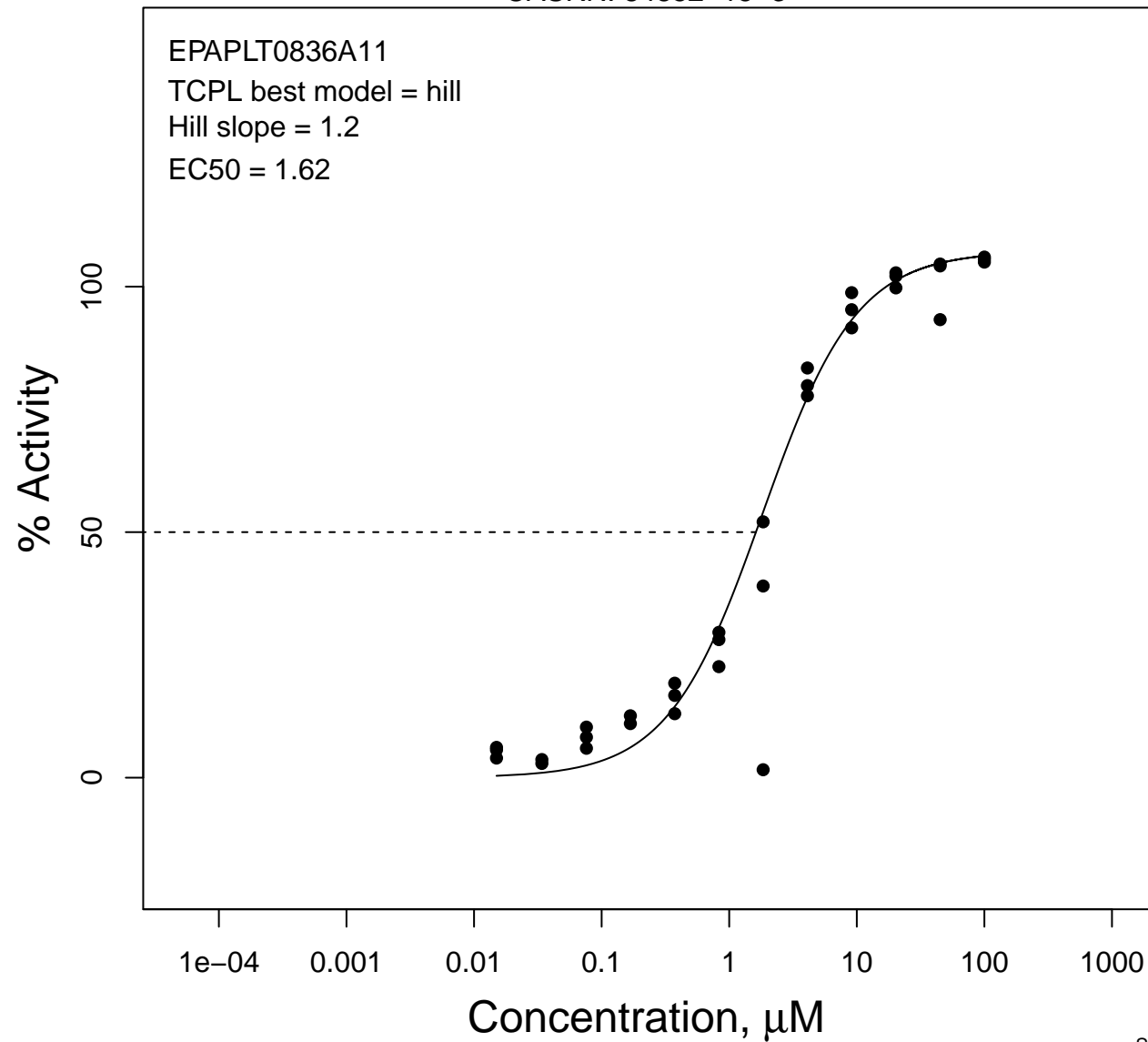
CASRN: 84852-15-3

EPAPLT0836A11

TCPL best model = hill

Hill slope = 1.2

EC50 = 1.62



(+)-Diclofop-methyl

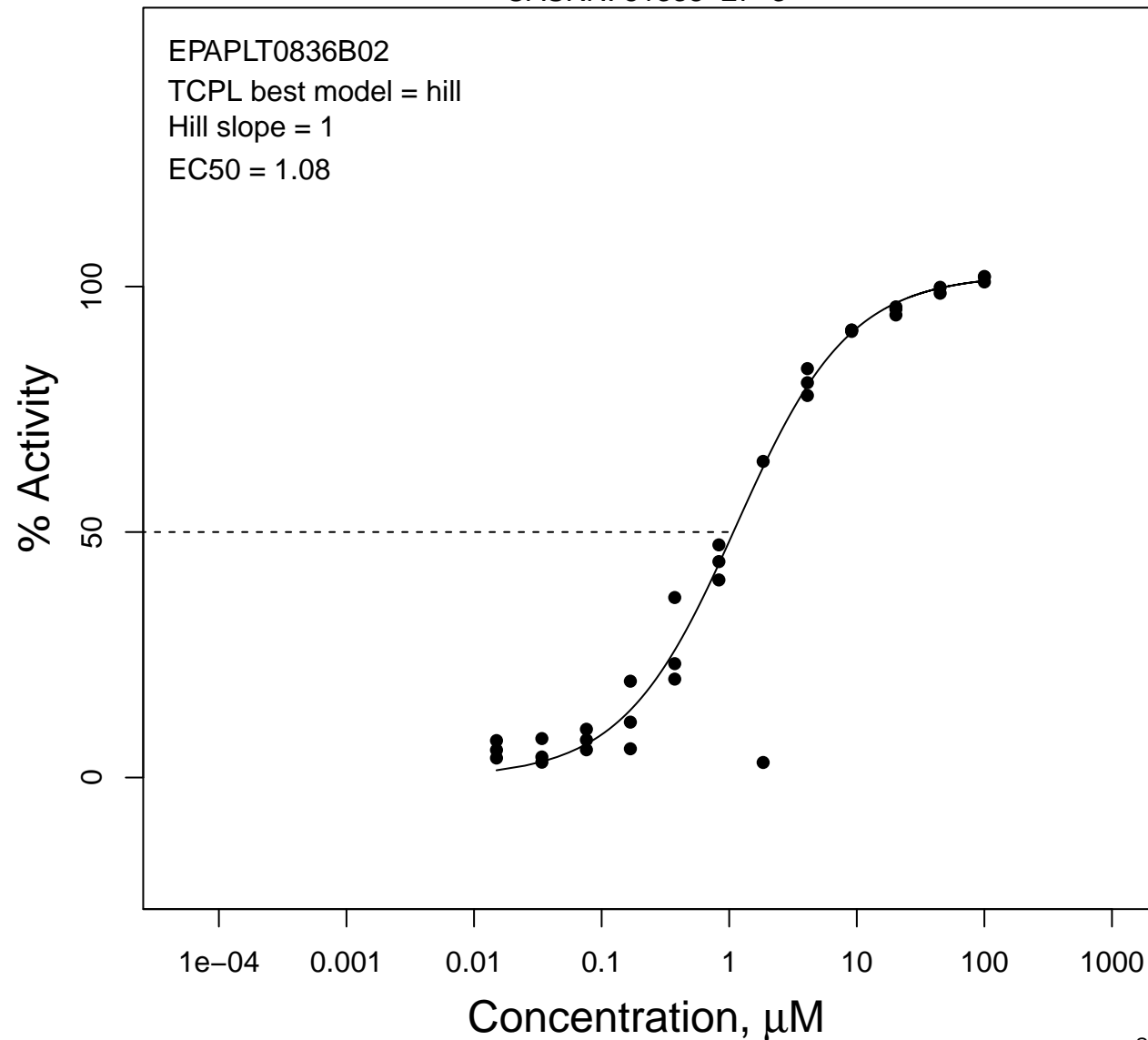
CASRN: 51338-27-3

EPAPLT0836B02

TCPL best model = hill

Hill slope = 1

EC50 = 1.08



Prodiamine

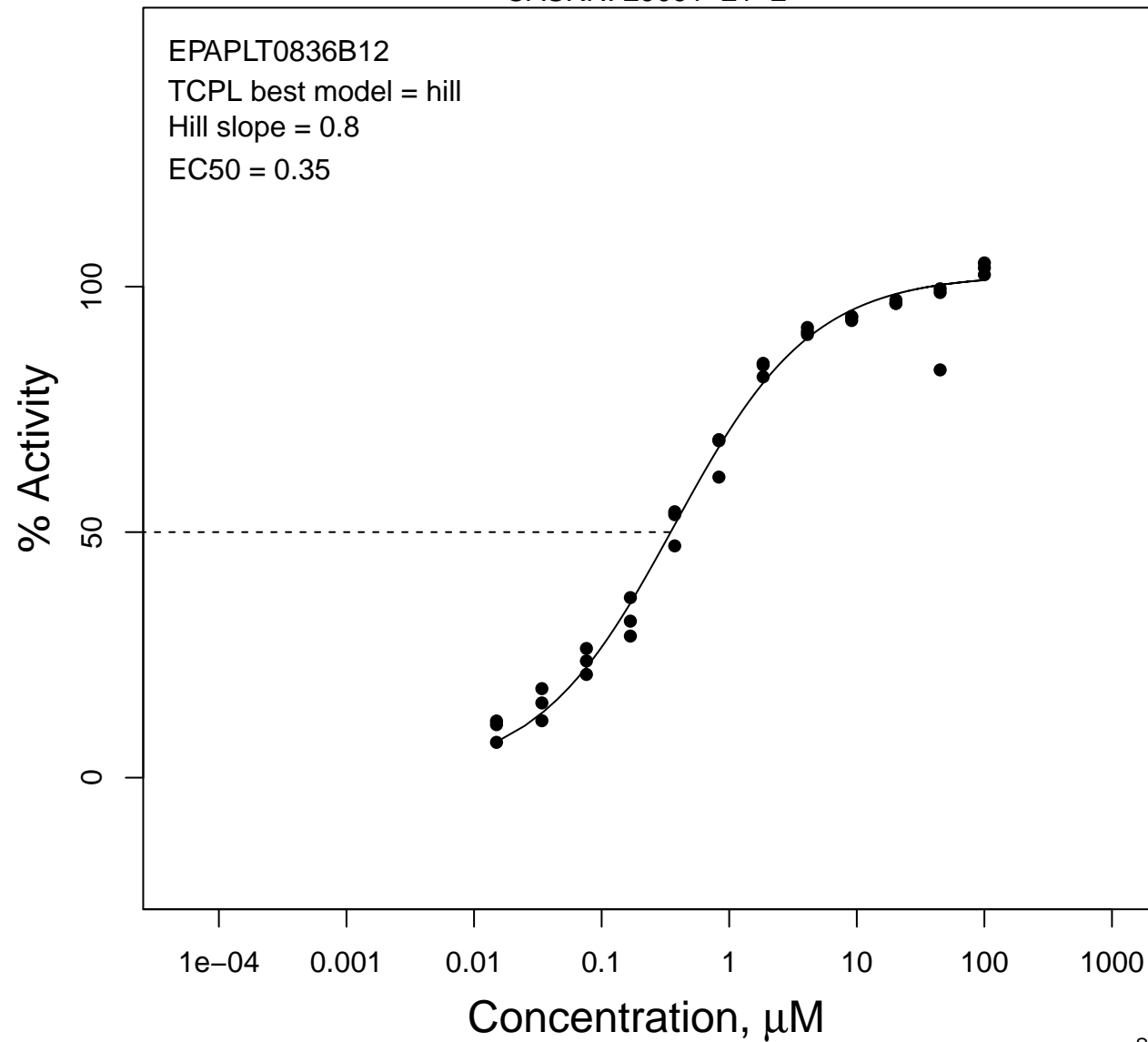
CASRN: 29091-21-2

EPAPLT0836B12

TCPL best model = hill

Hill slope = 0.8

EC50 = 0.35



Citronellol

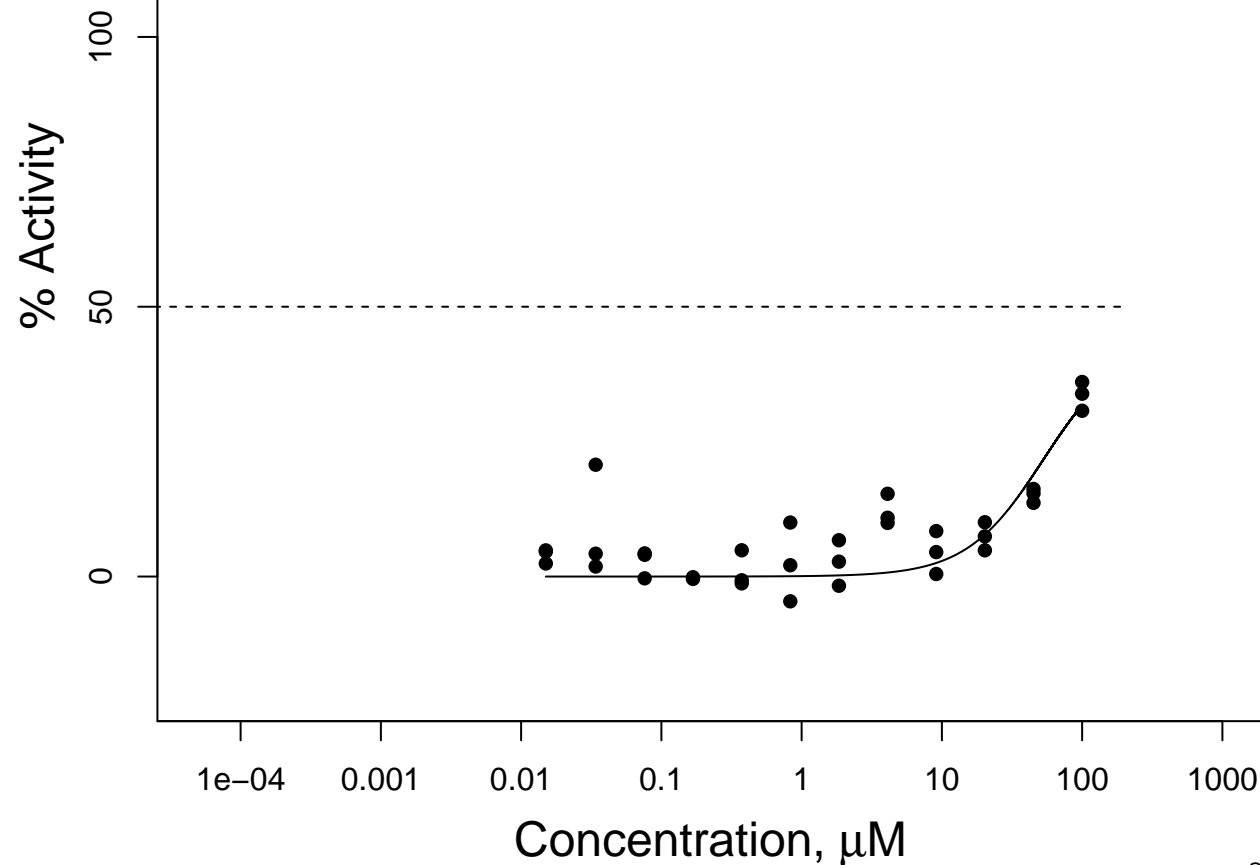
CASRN: 106-22-9

EPAPLT0836C02

TCPL best model = hill

Hill slope = 1.6

EC50 = NA



(9Z,12R)-12-Hydroxyoctadec-9-enoic acid

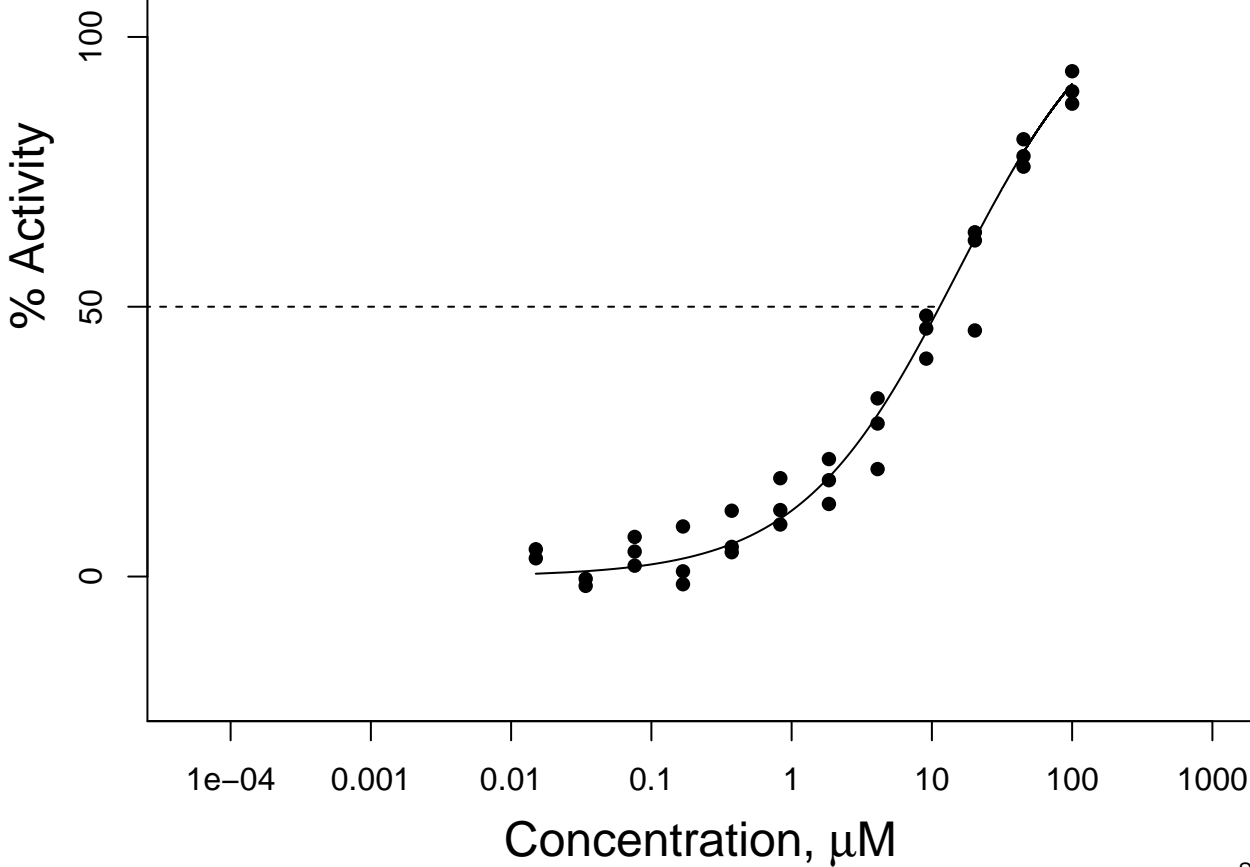
CASRN: 141-22-0

EPAPLT0836C05

TCPL best model = hill

Hill slope = 0.8

EC50 = 11.36



PharmaGSID_48516

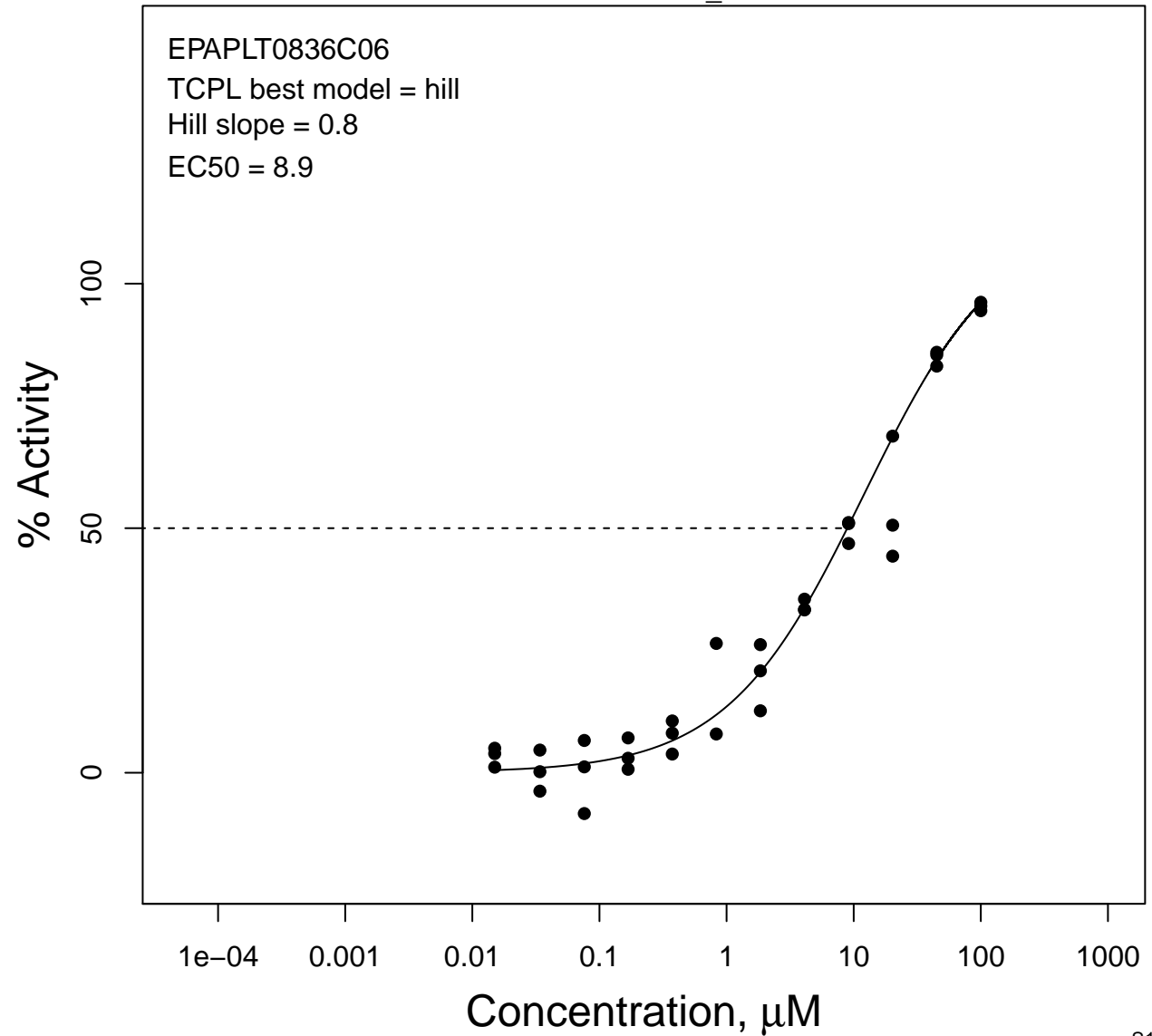
CASRN: NOCAS_48516

EPAPLT0836C06

TCPL best model = hill

Hill slope = 0.8

EC50 = 8.9



Octylparaben

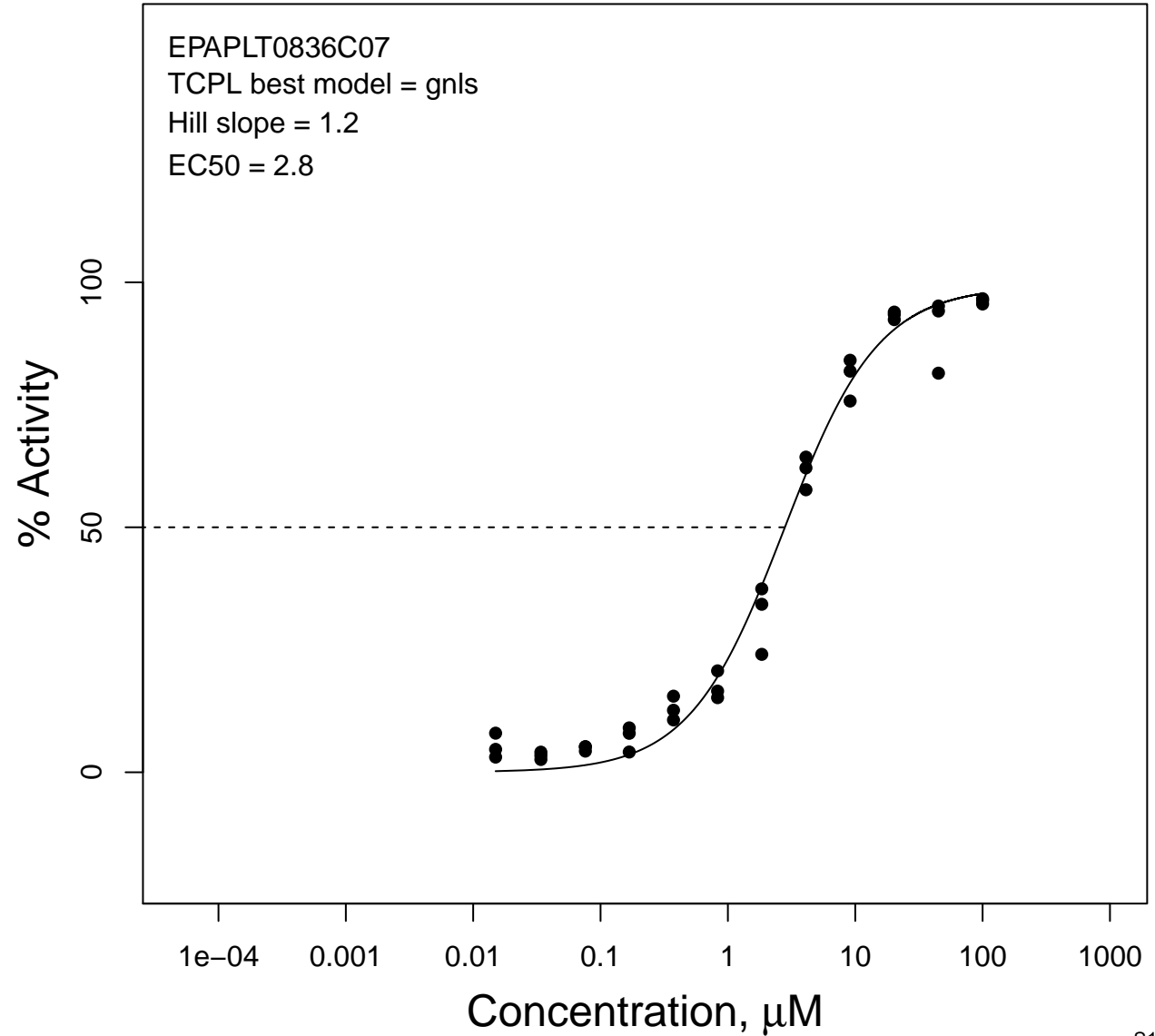
CASRN: 1219-38-1

EPAPLT0836C07

TCPL best model = gnls

Hill slope = 1.2

EC50 = 2.8



1-Amino-2,6-dichloro-4-nitrobenzene

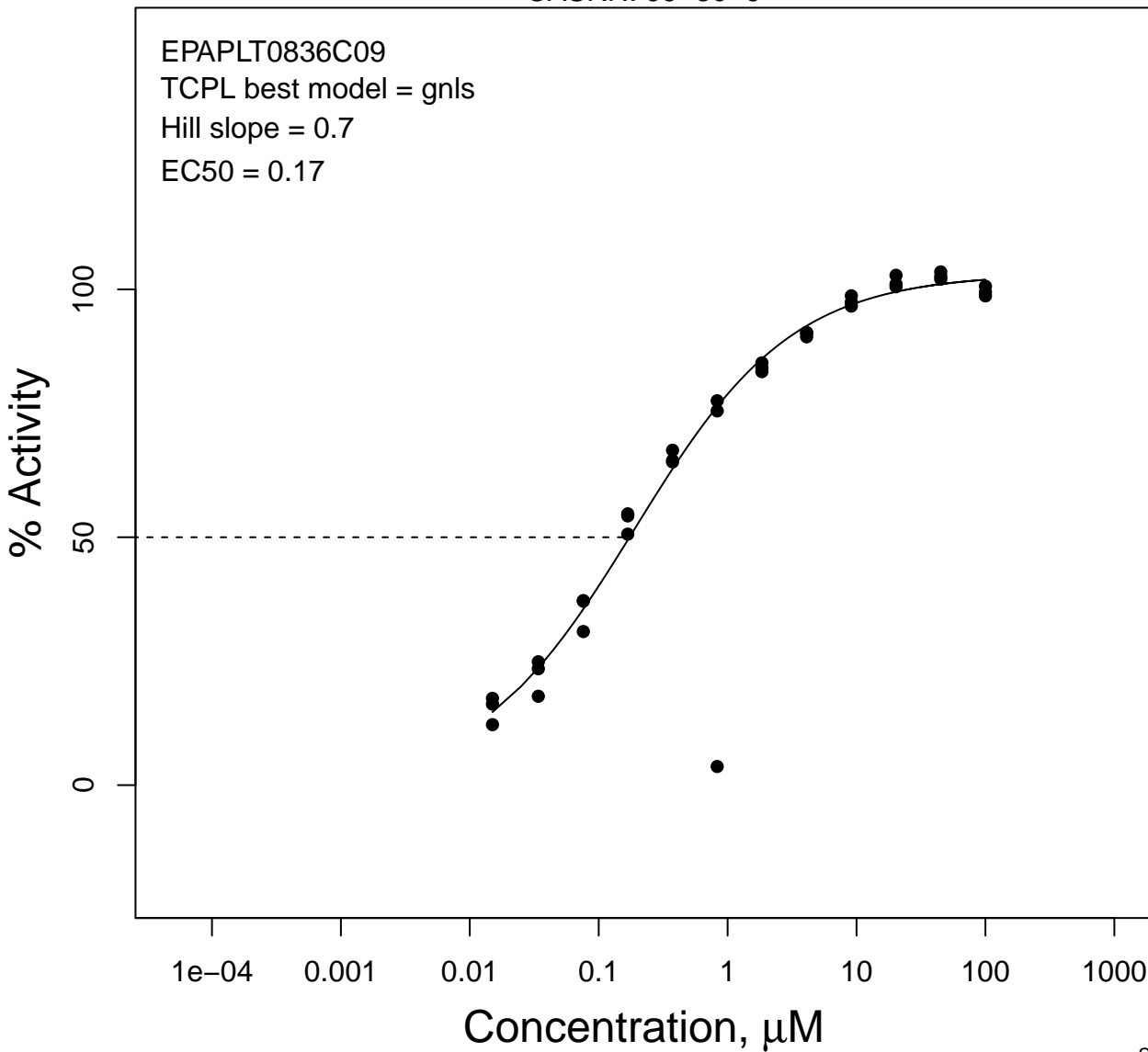
CASRN: 99-30-9

EPAPLT0836C09

TCPL best model = gnls

Hill slope = 0.7

EC50 = 0.17



Chlorophacinone

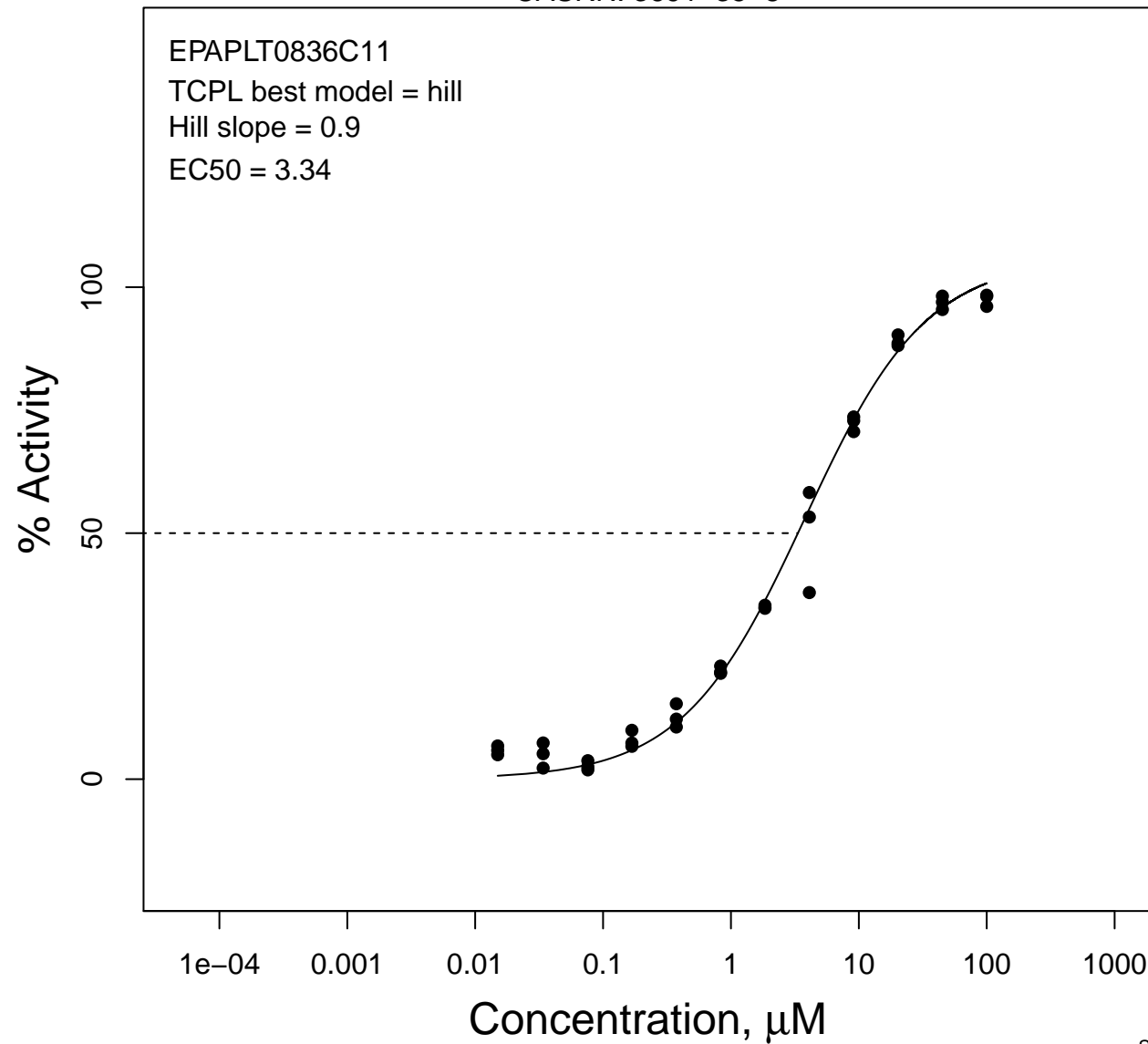
CASRN: 3691-35-8

EPAPLT0836C11

TCPL best model = hill

Hill slope = 0.9

EC50 = 3.34



Methoxyfenozide

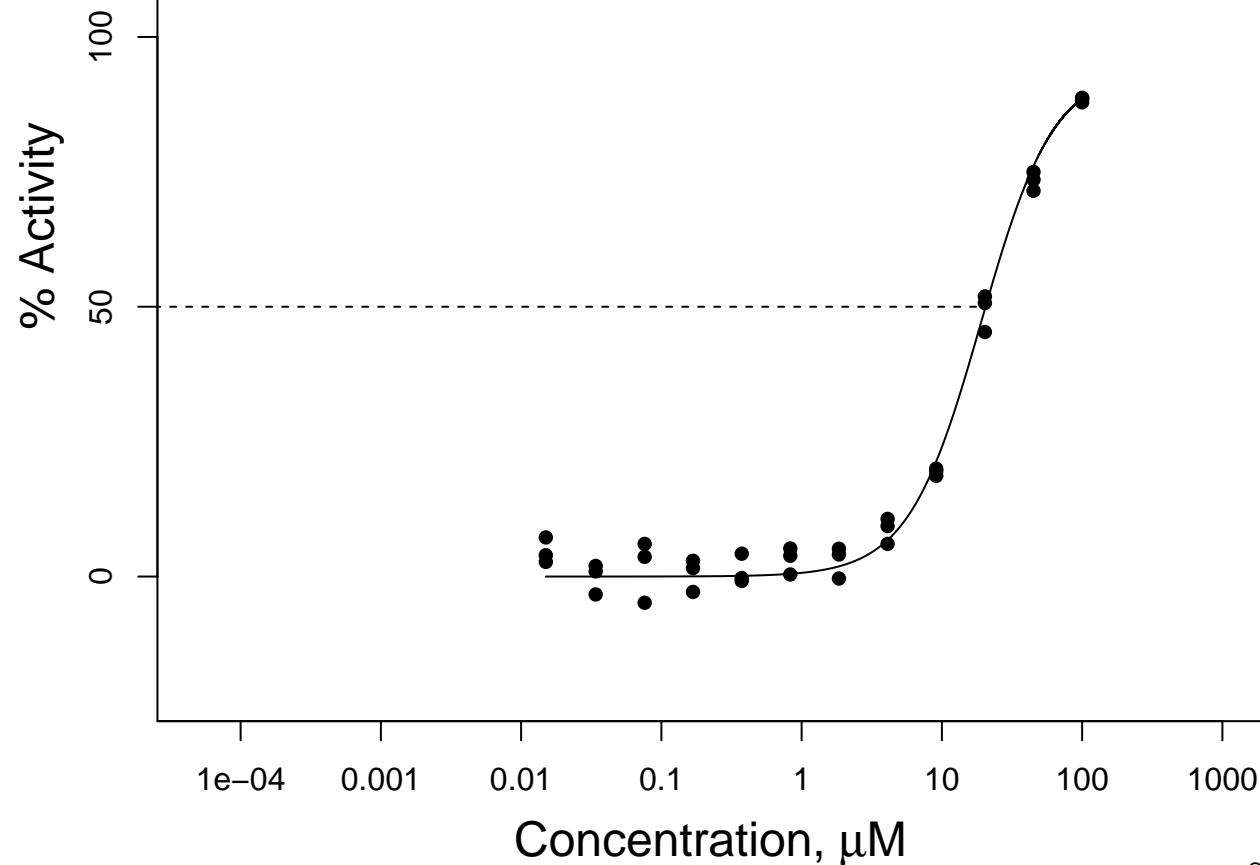
CASRN: 161050-58-4

EPAPLT0836C12

TCPL best model = hill

Hill slope = 1.7

EC50 = 20.49



Iodosulfuron methyl ester sodium salt

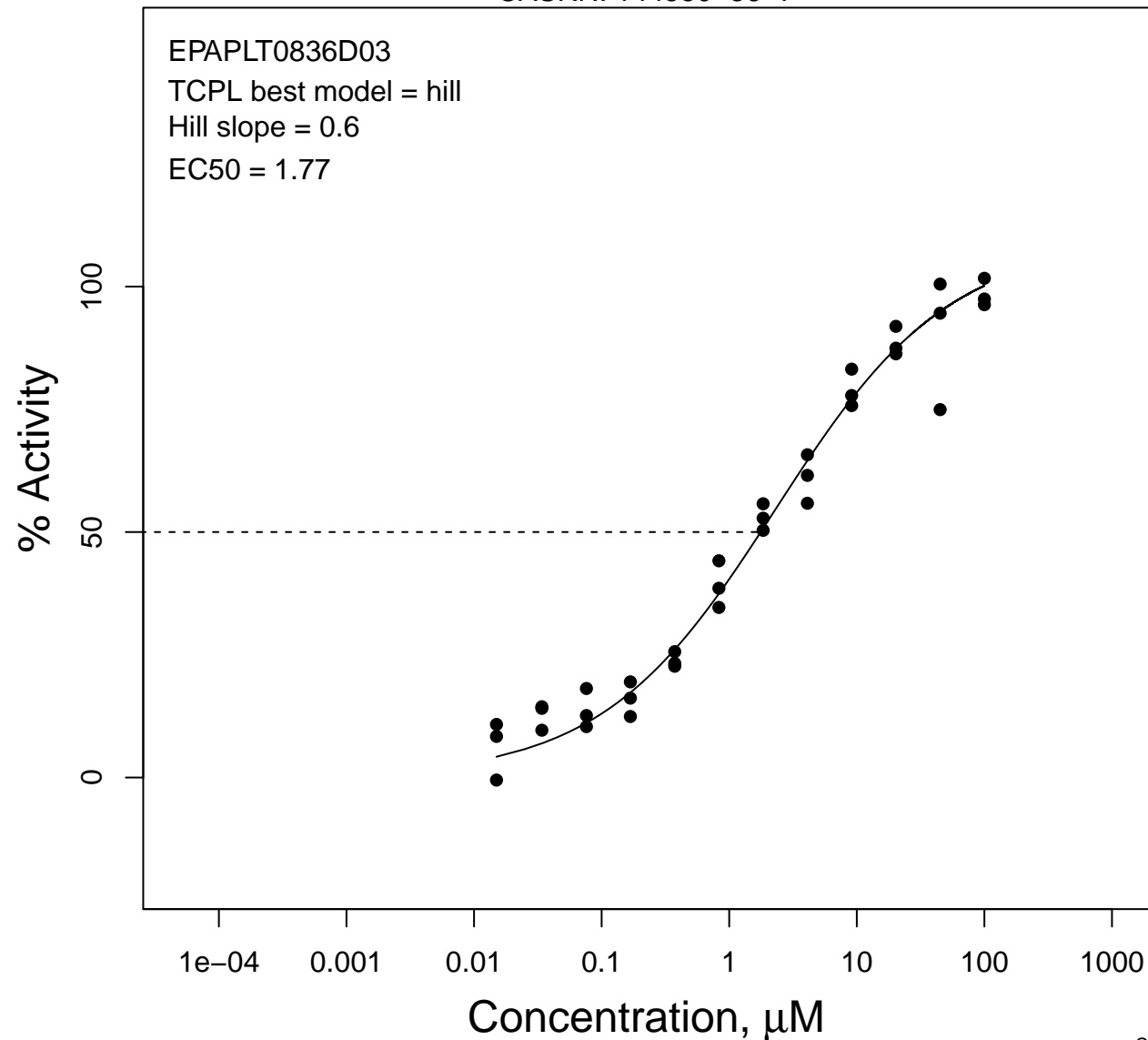
CASRN: 144550-36-7

EPAPLT0836D03

TCPL best model = hill

Hill slope = 0.6

EC50 = 1.77



Dichlorophen

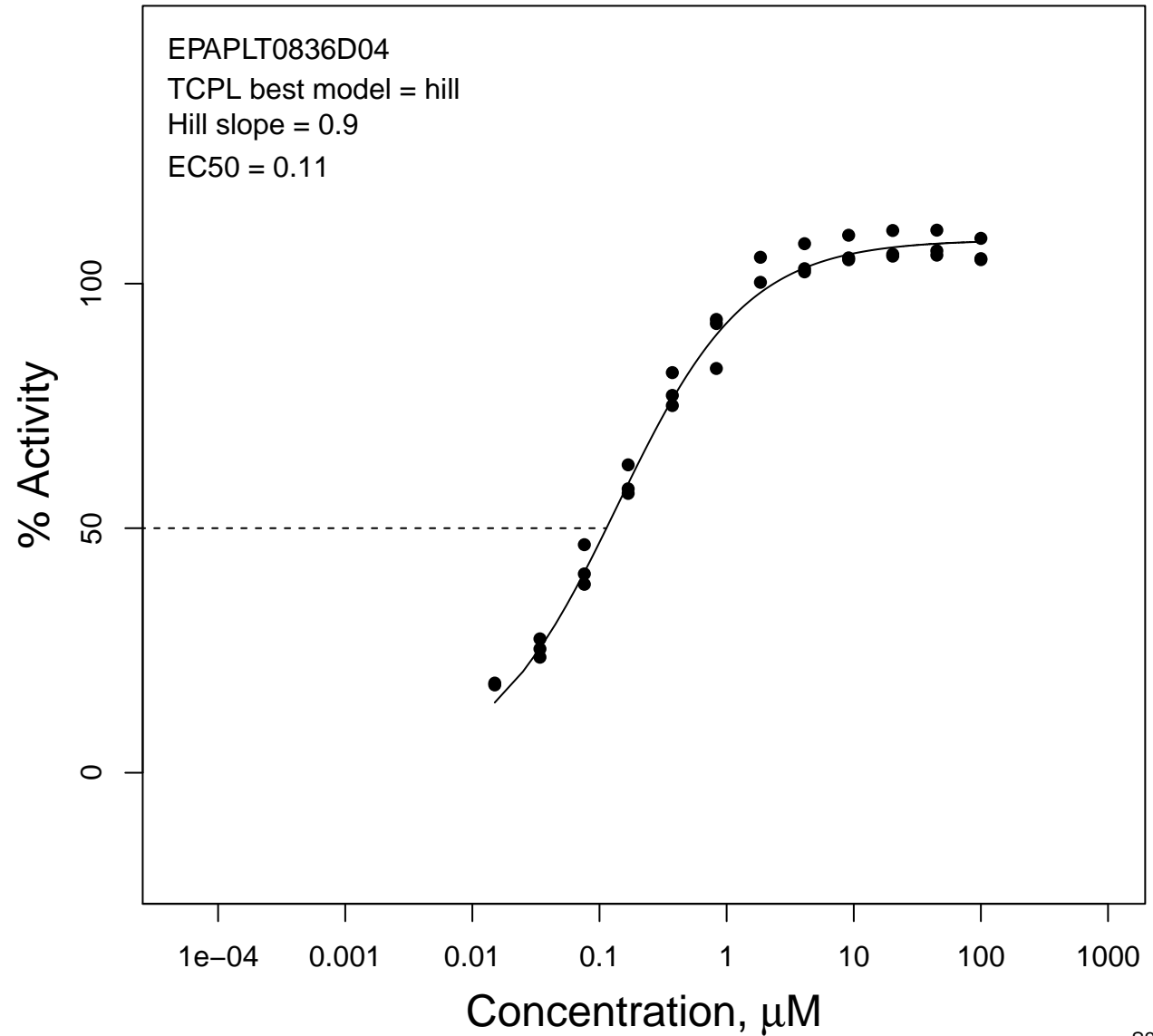
CASRN: 97-23-4

EPAPLT0836D04

TCPL best model = hill

Hill slope = 0.9

EC50 = 0.11



2-Butyloctan-1-ol

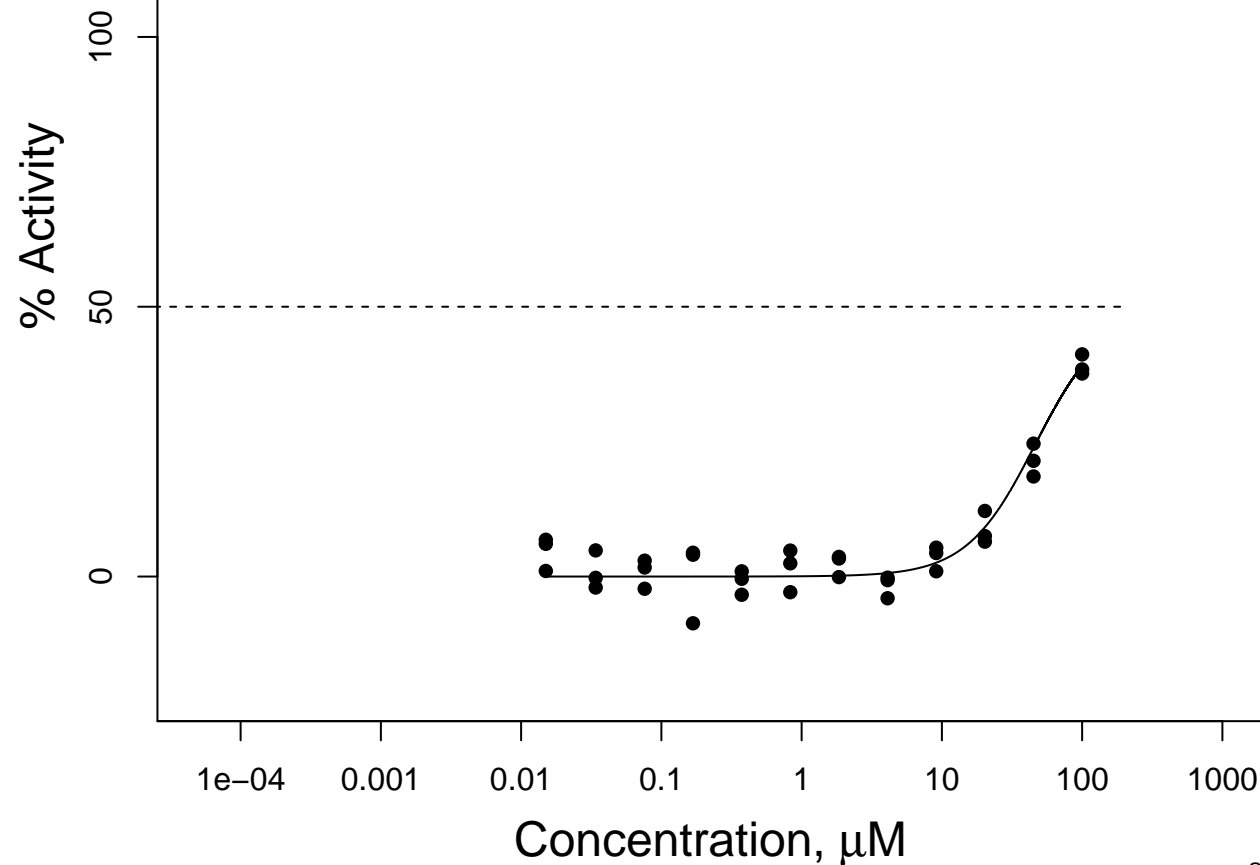
CASRN: 3913-02-8

EPAPLT0836D06

TCPL best model = hill

Hill slope = 1.8

EC50 = NA



2,4-Dinitrophenol

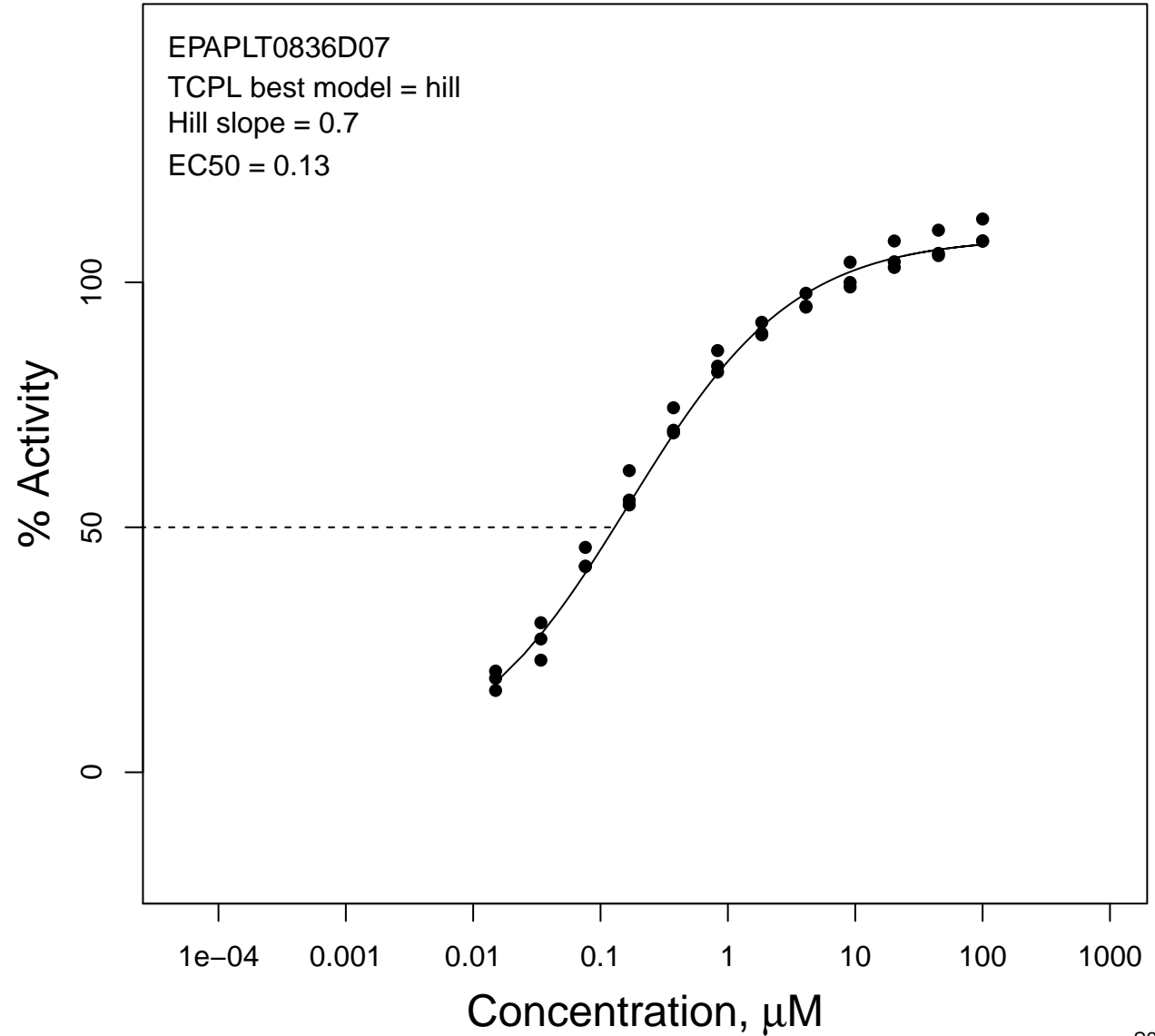
CASRN: 51-28-5

EPAPLT0836D07

TCPL best model = hill

Hill slope = 0.7

EC50 = 0.13



Quinoxifen

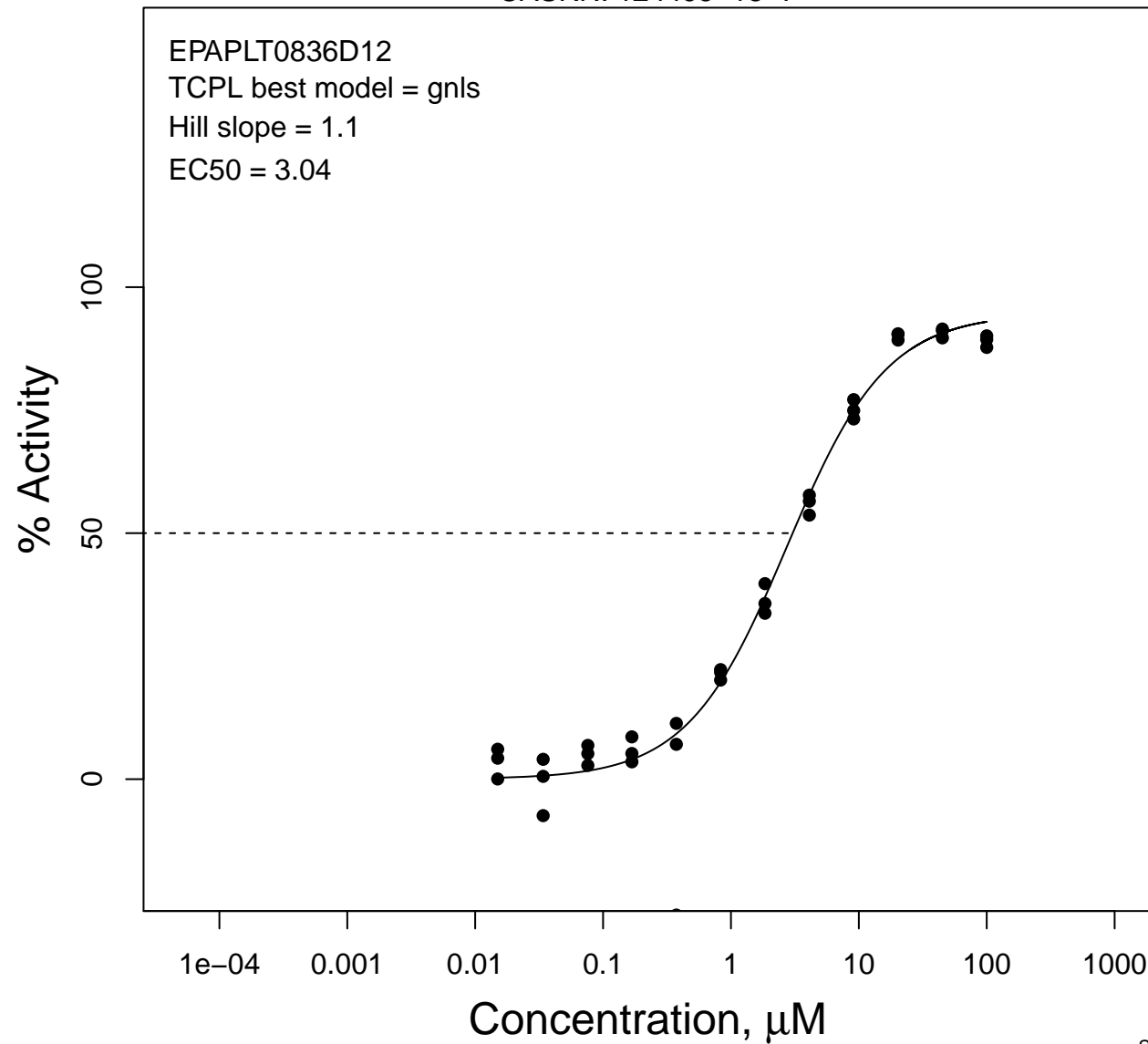
CASRN: 124495-18-7

EPAPLT0836D12

TCPL best model = gnls

Hill slope = 1.1

EC50 = 3.04



Trifluralin

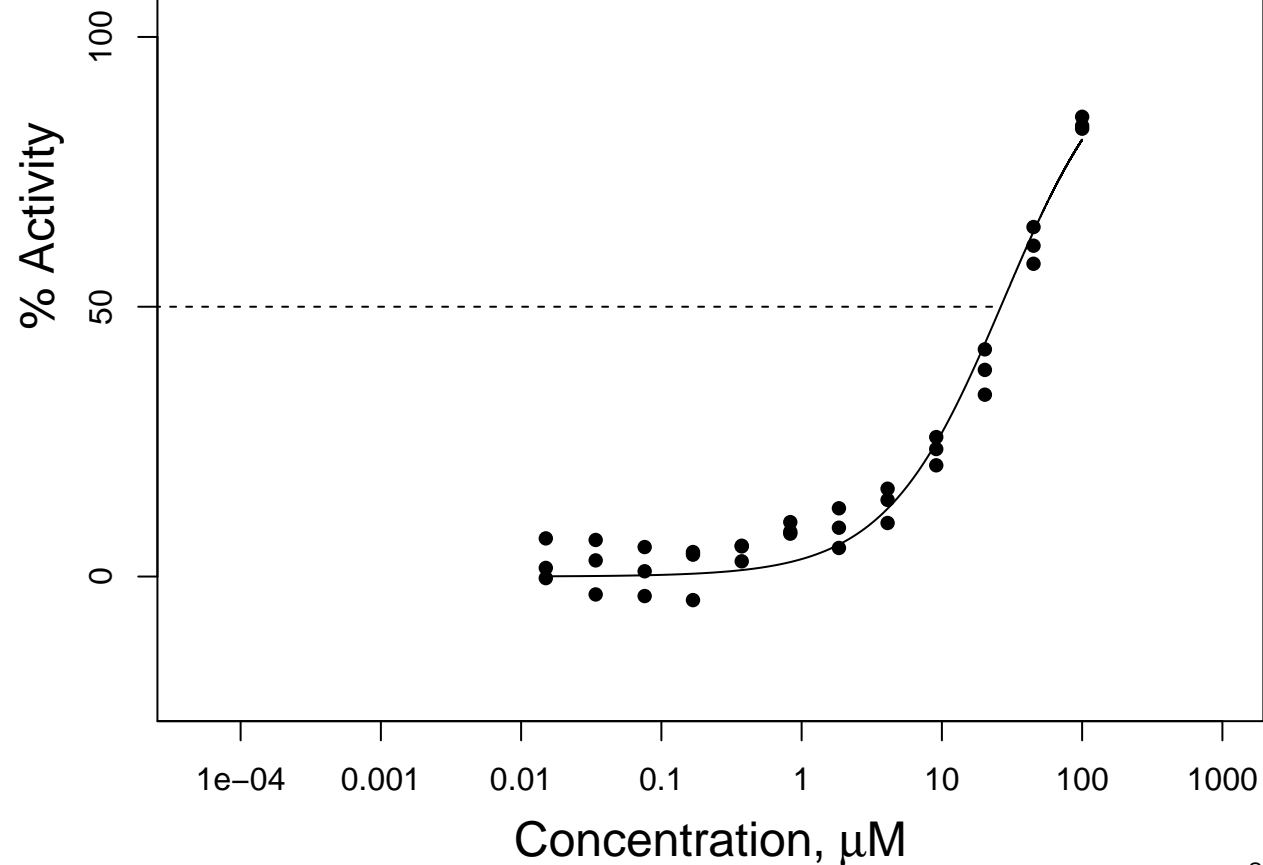
CASRN: 1582-09-8

EPAPLT0836E02

TCPL best model = hill

Hill slope = 1

EC50 = 26.29



Sulfasalazine

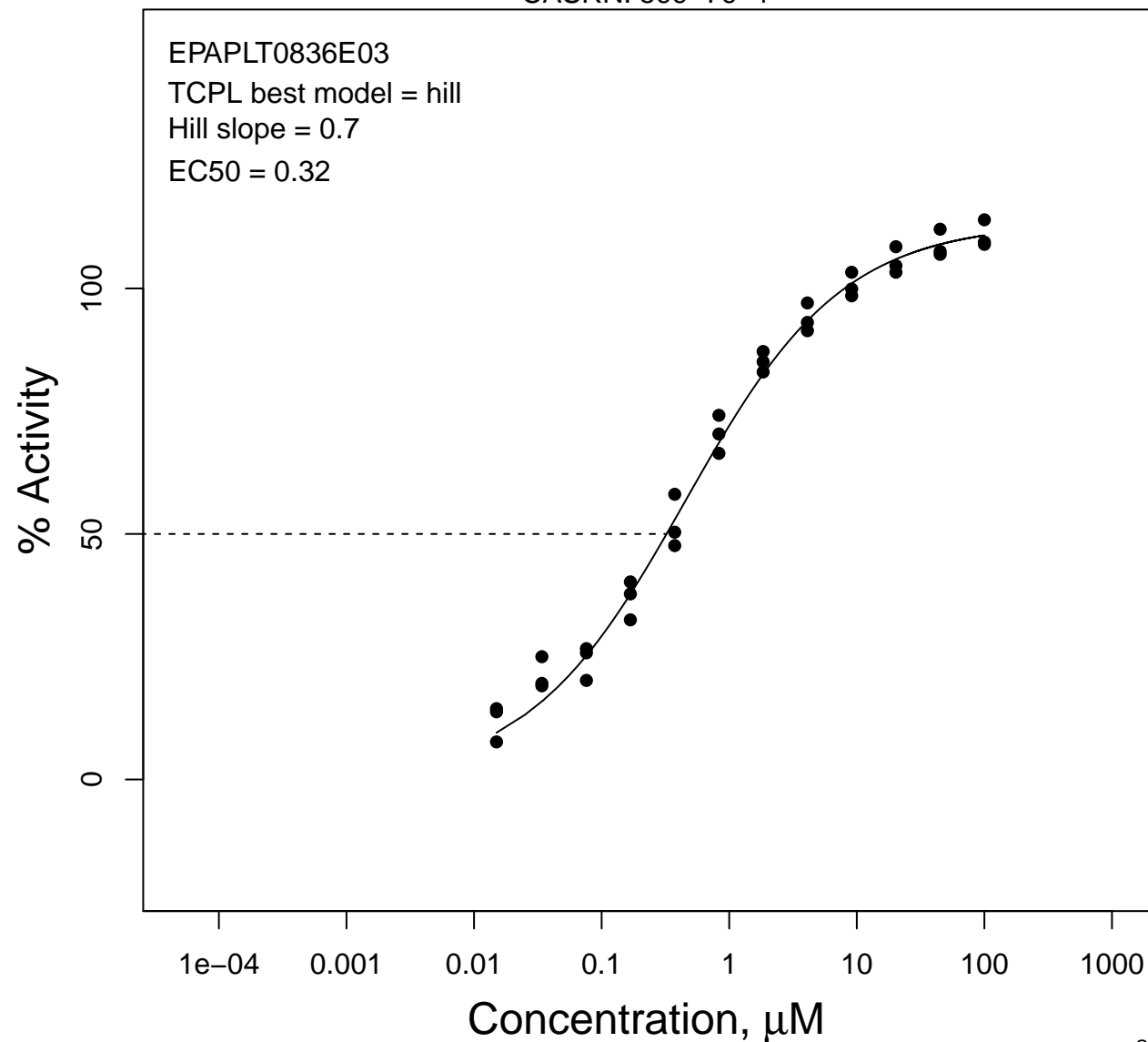
CASRN: 599-79-1

EPAPLT0836E03

TCPL best model = hill

Hill slope = 0.7

EC50 = 0.32



Dodecylbenzene sulfonate triethanolamine(1:1)

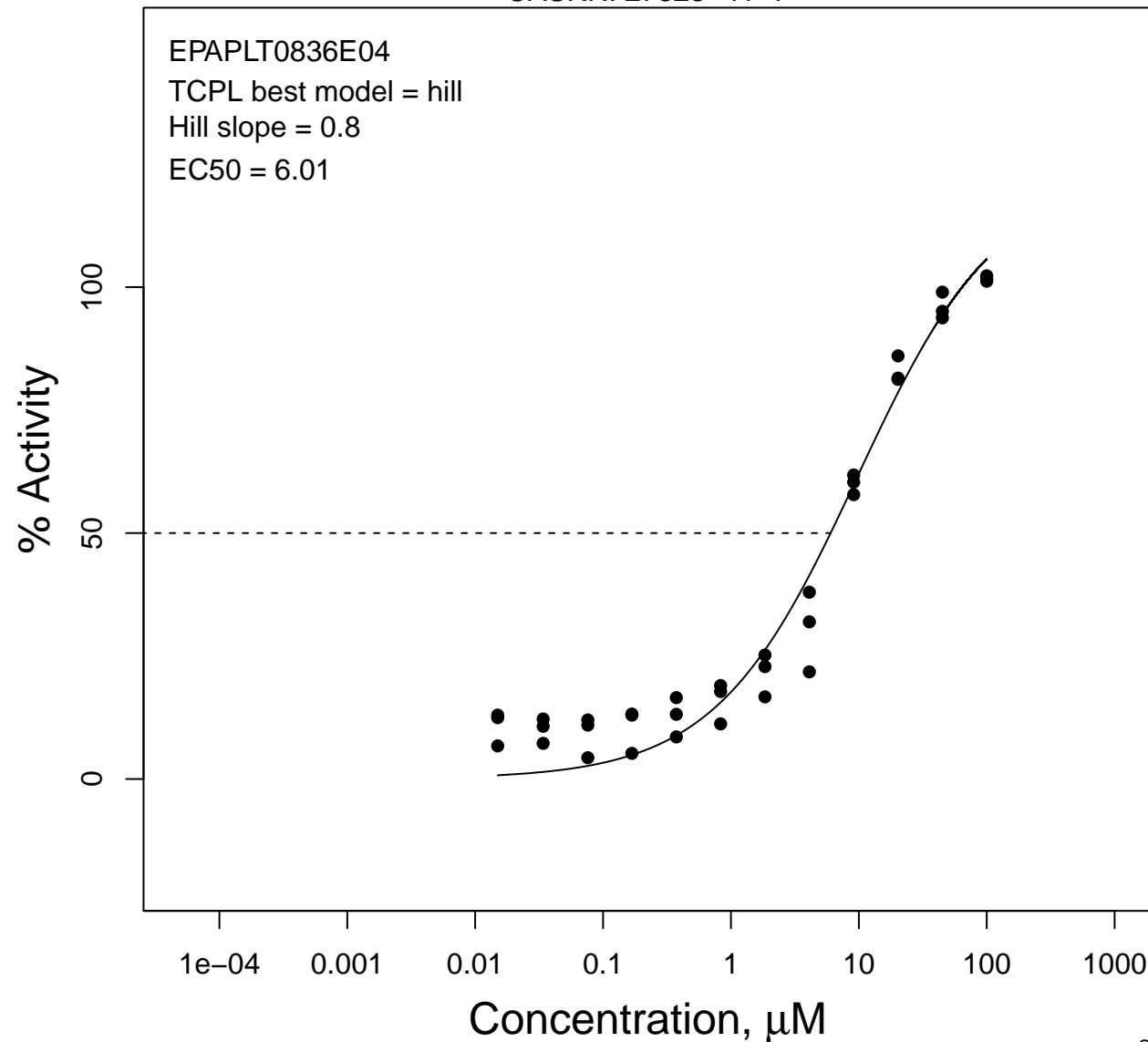
CASRN: 27323-41-7

EPAPLT0836E04

TCPL best model = hill

Hill slope = 0.8

EC50 = 6.01



PharmaGSID_48518

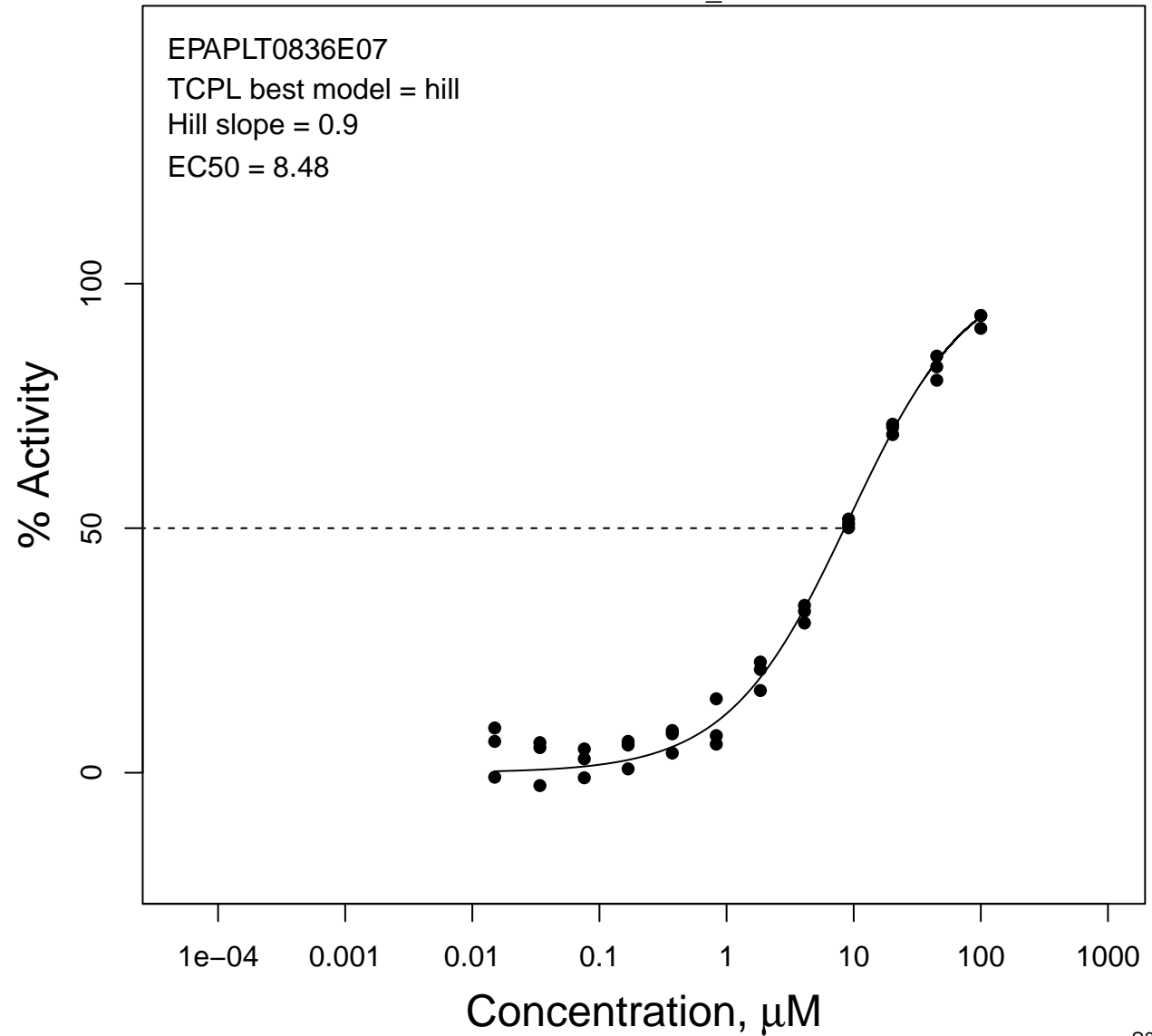
CASRN: NOCAS_48518

EPAPLT0836E07

TCPL best model = hill

Hill slope = 0.9

EC50 = 8.48



Z-Tetrachlorvinphos

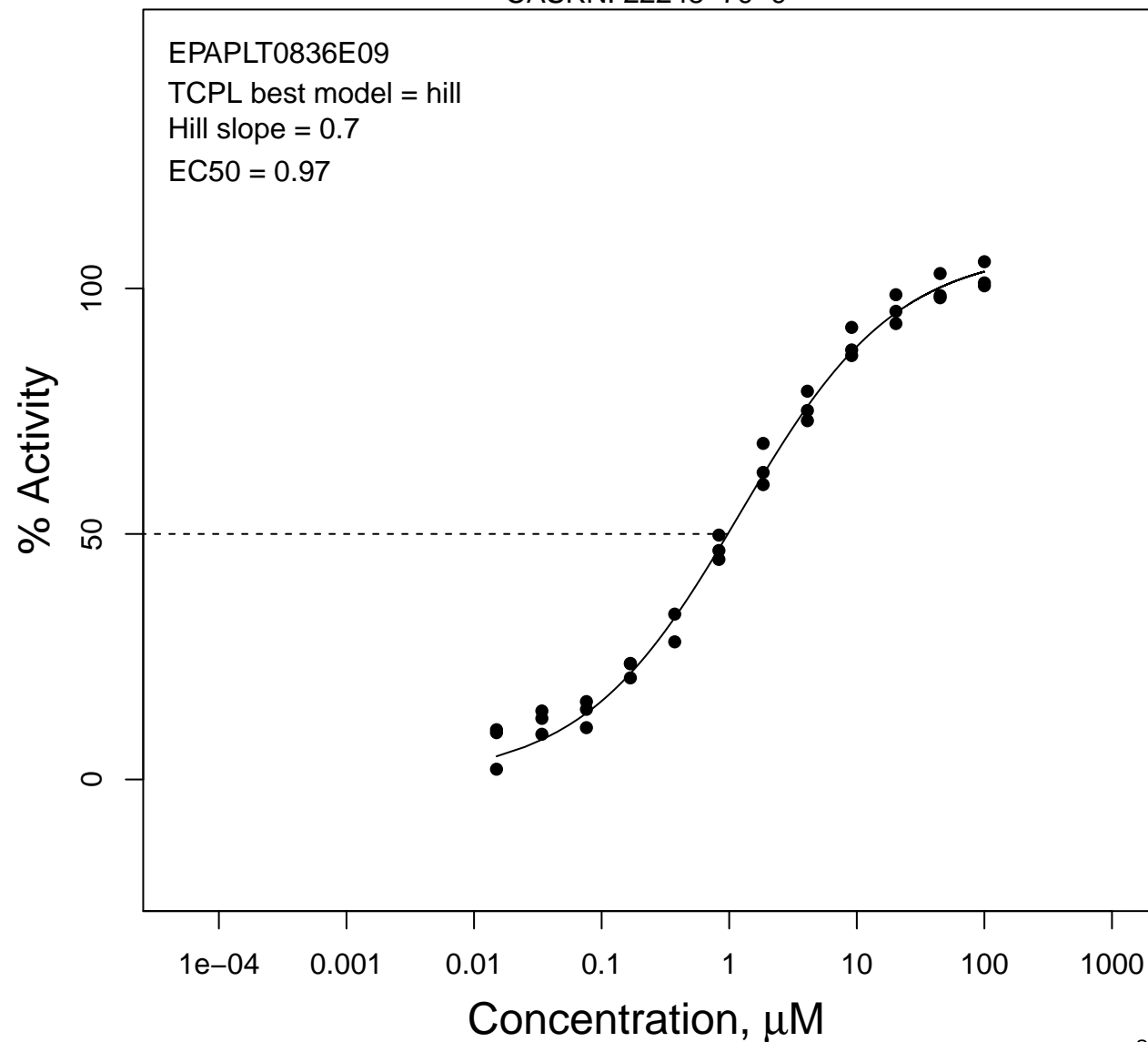
CASRN: 22248-79-9

EPAPLT0836E09

TCPL best model = hill

Hill slope = 0.7

EC50 = 0.97



Perfluorooctanesulfonamide

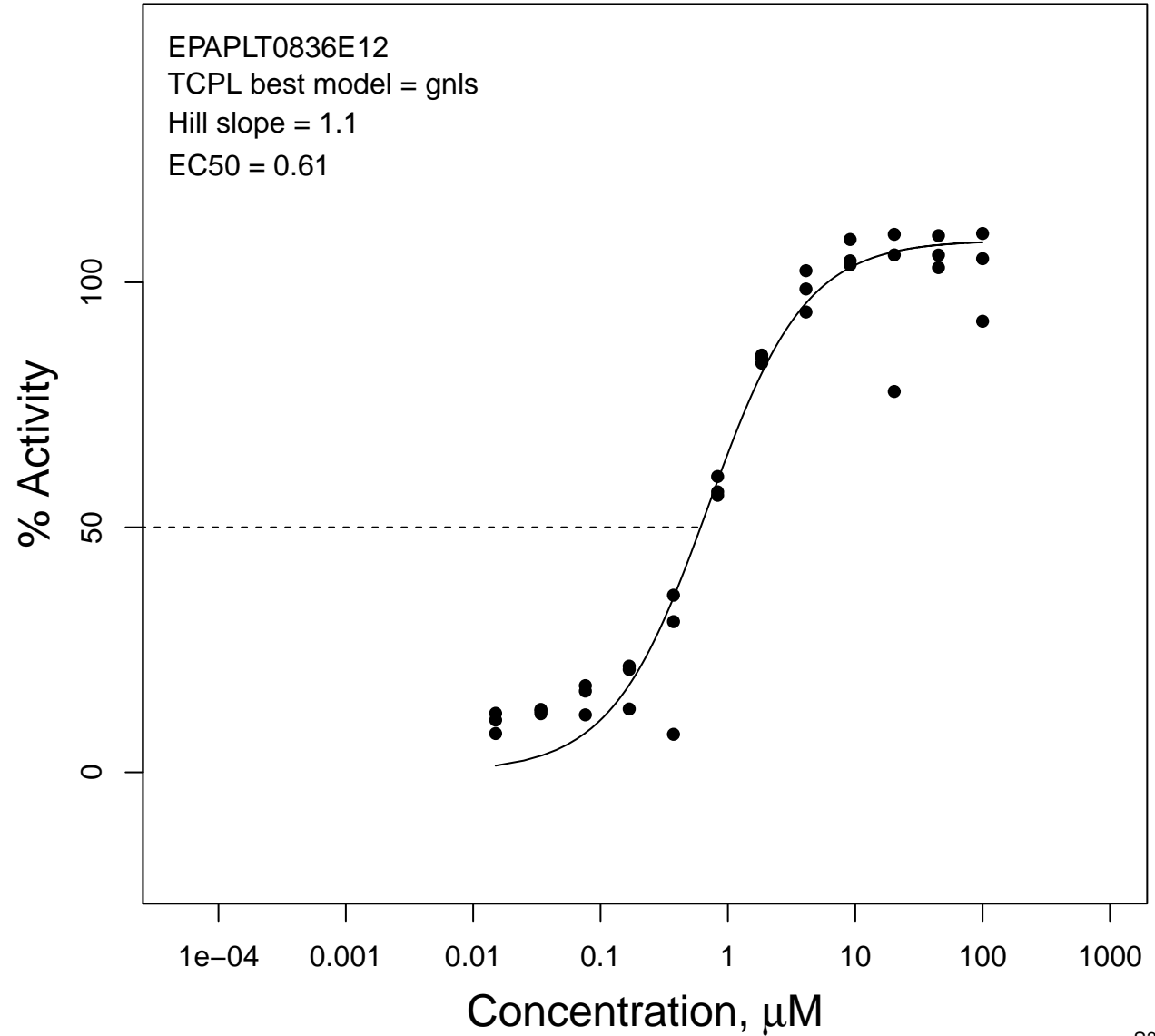
CASRN: 754-91-6

EPAPLT0836E12

TCPL best model = gnls

Hill slope = 1.1

EC50 = 0.61



Chloroneb

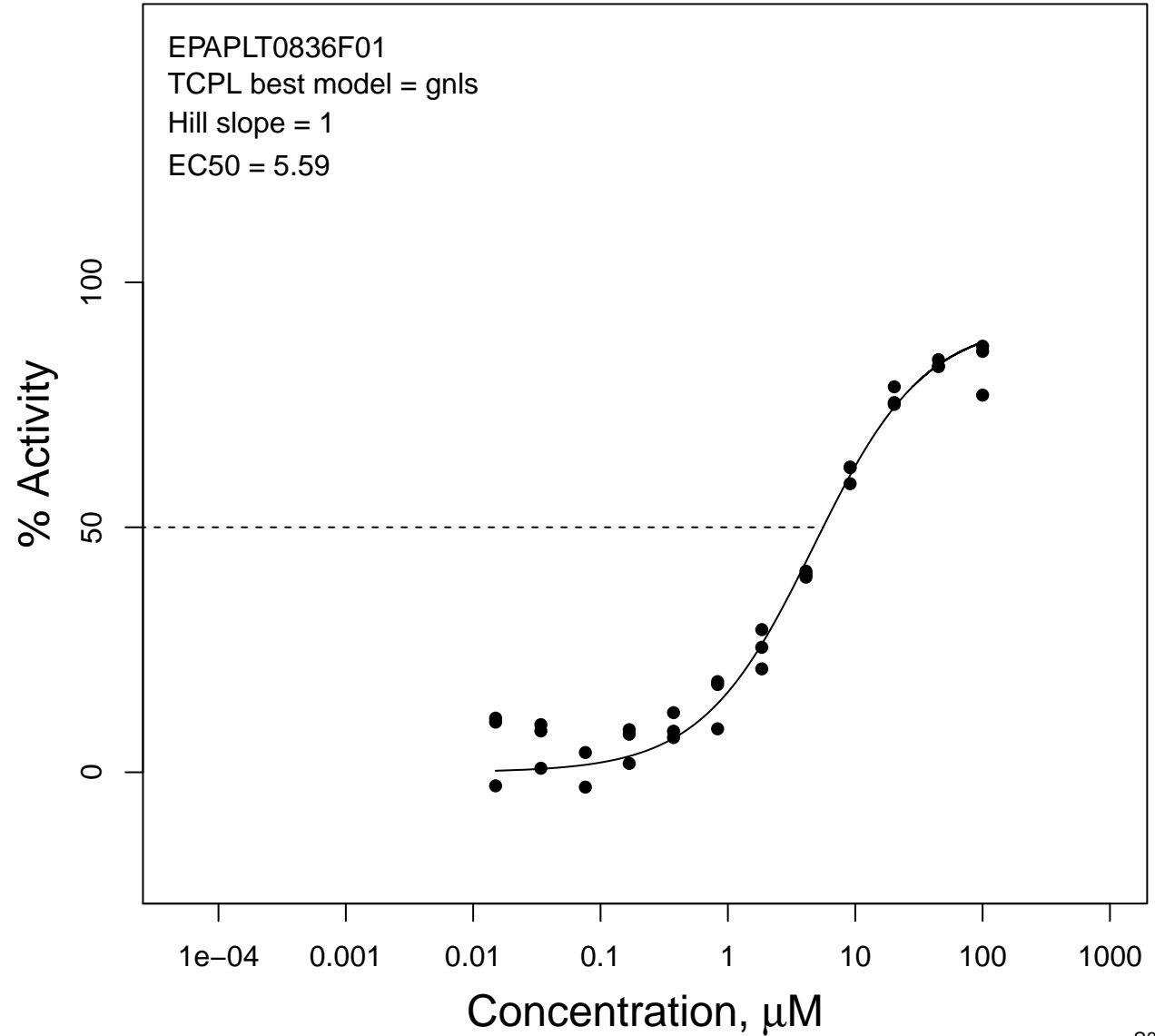
CASRN: 2675-77-6

EPAPLT0836F01

TCPL best model = gnls

Hill slope = 1

EC50 = 5.59



1,2-Diphenylhydrazine

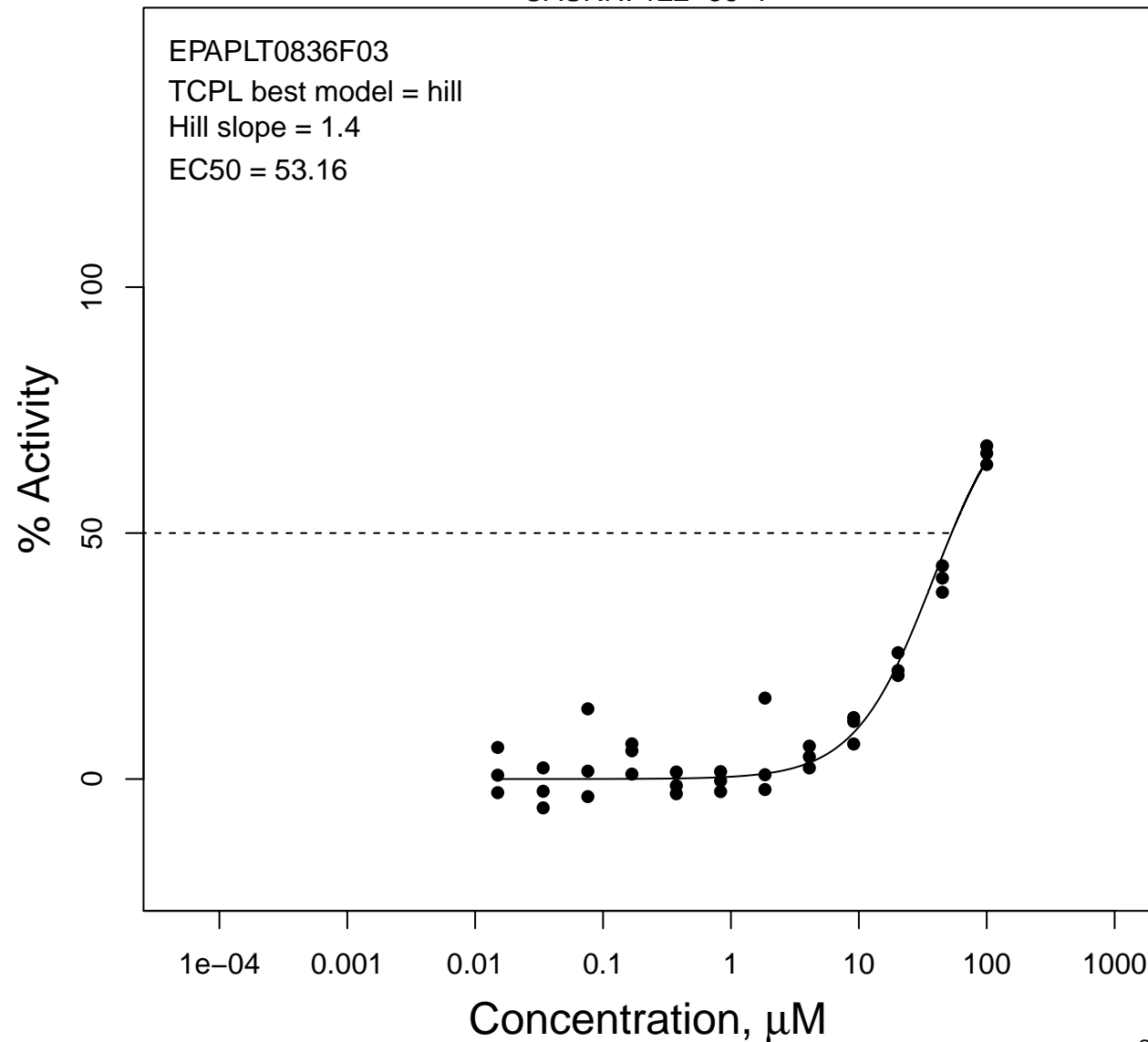
CASRN: 122-66-7

EPAPLT0836F03

TCPL best model = hill

Hill slope = 1.4

EC50 = 53.16



4-Nonylphenol

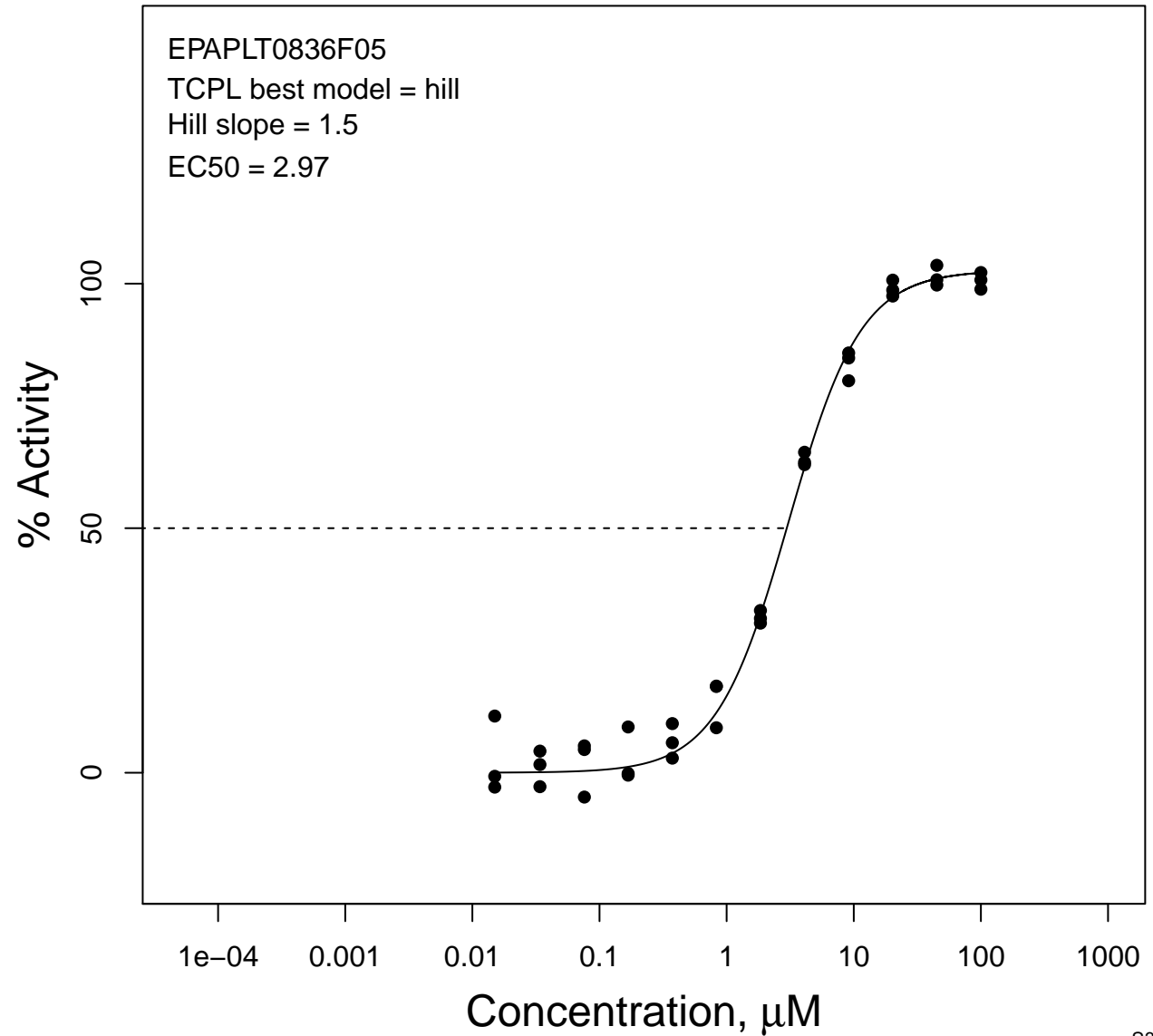
CASRN: 104-40-5

EPAPLT0836F05

TCPL best model = hill

Hill slope = 1.5

EC50 = 2.97



Dinoseb

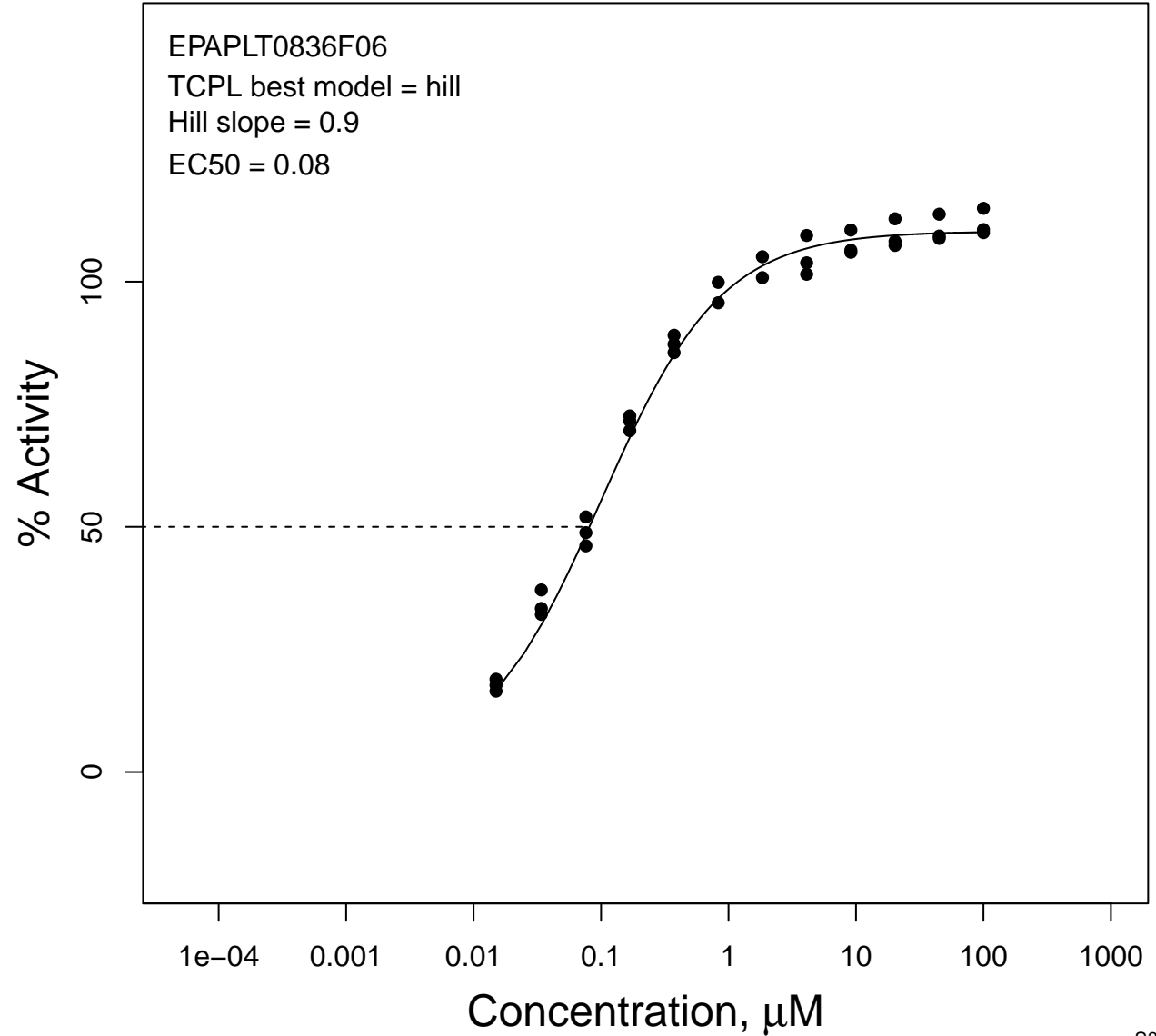
CASRN: 88-85-7

EPAPLT0836F06

TCPL best model = hill

Hill slope = 0.9

EC50 = 0.08



17alpha-Ethinylestradiol

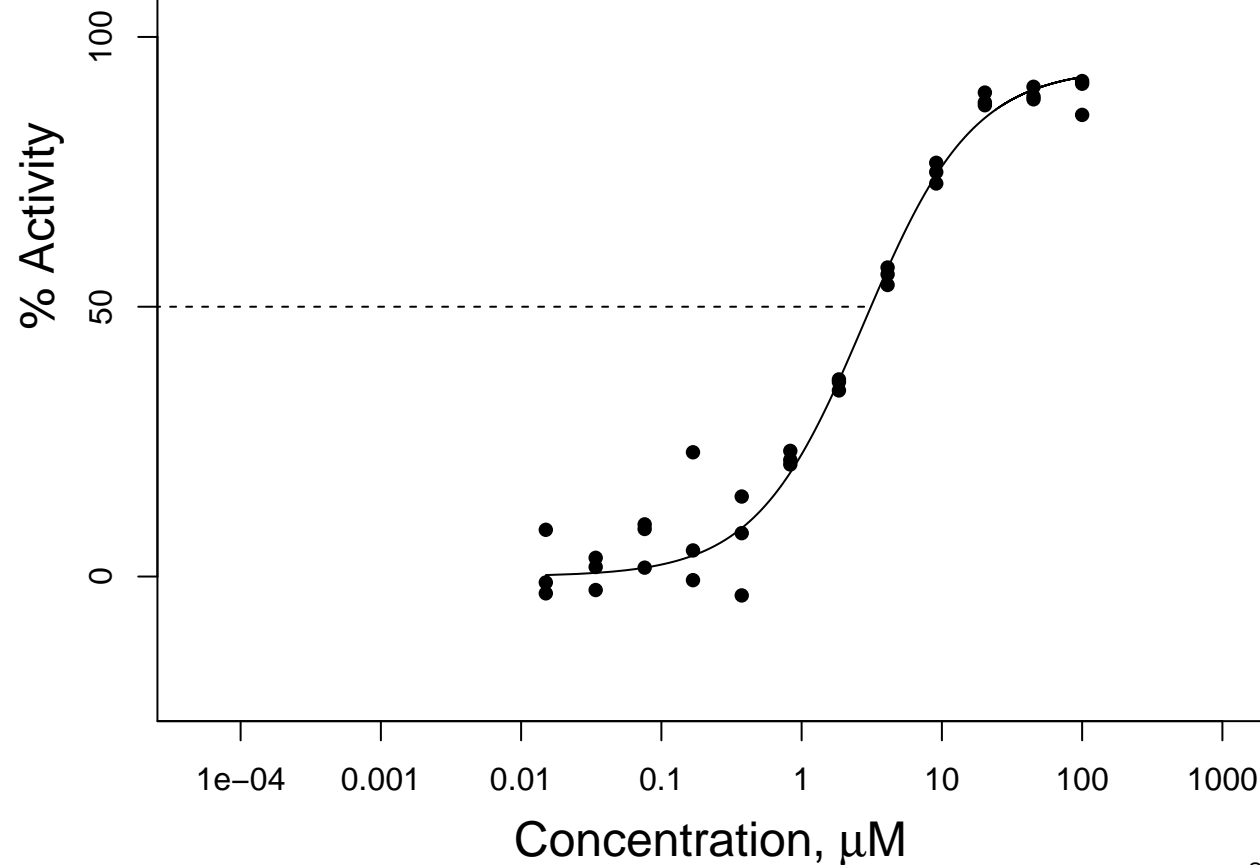
CASRN: 57-63-6

EPAPLT0836F07

TCPL best model = hill

Hill slope = 1.1

EC50 = 3.12



Azathioprine

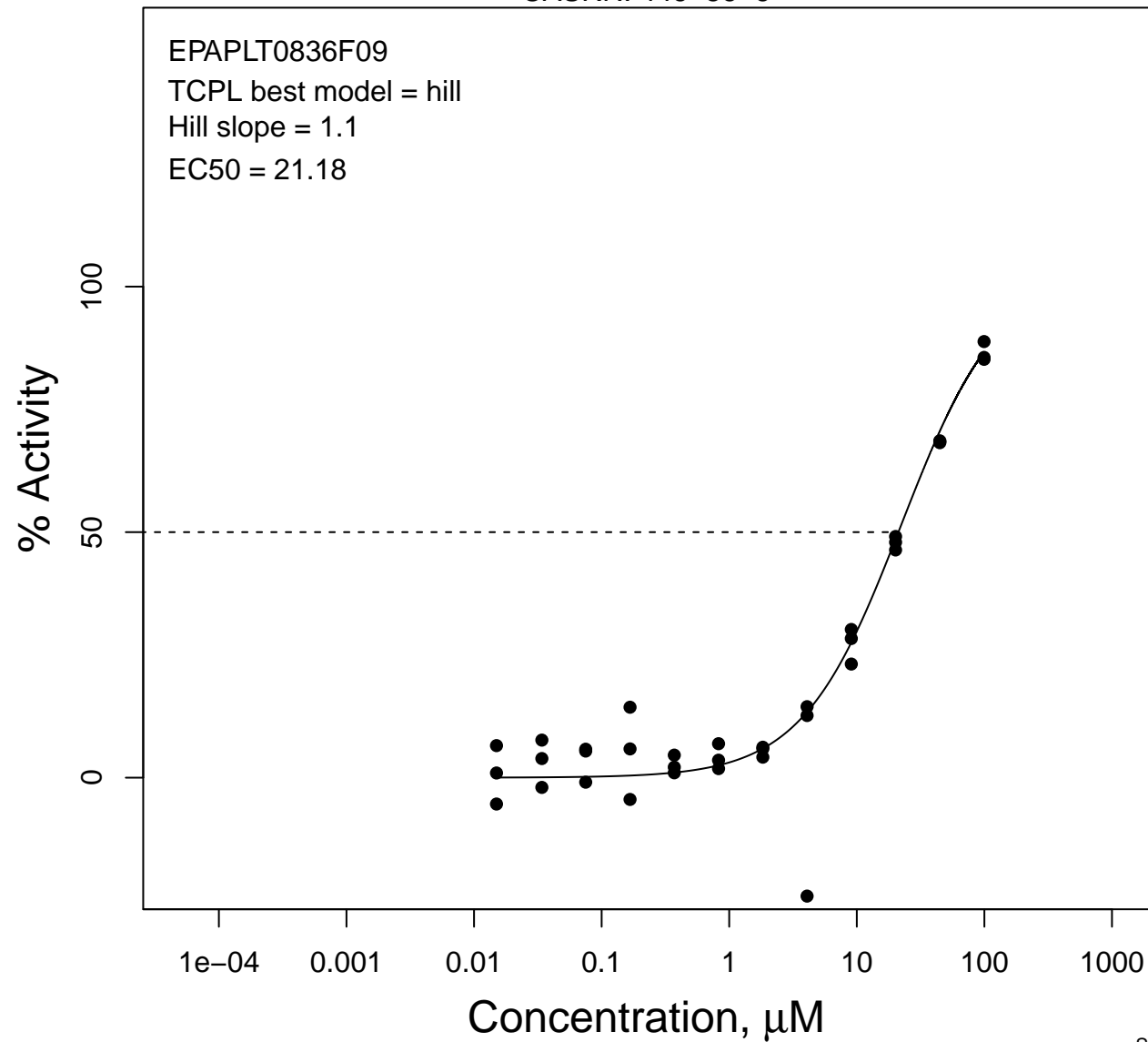
CASRN: 446-86-6

EPAPLT0836F09

TCPL best model = hill

Hill slope = 1.1

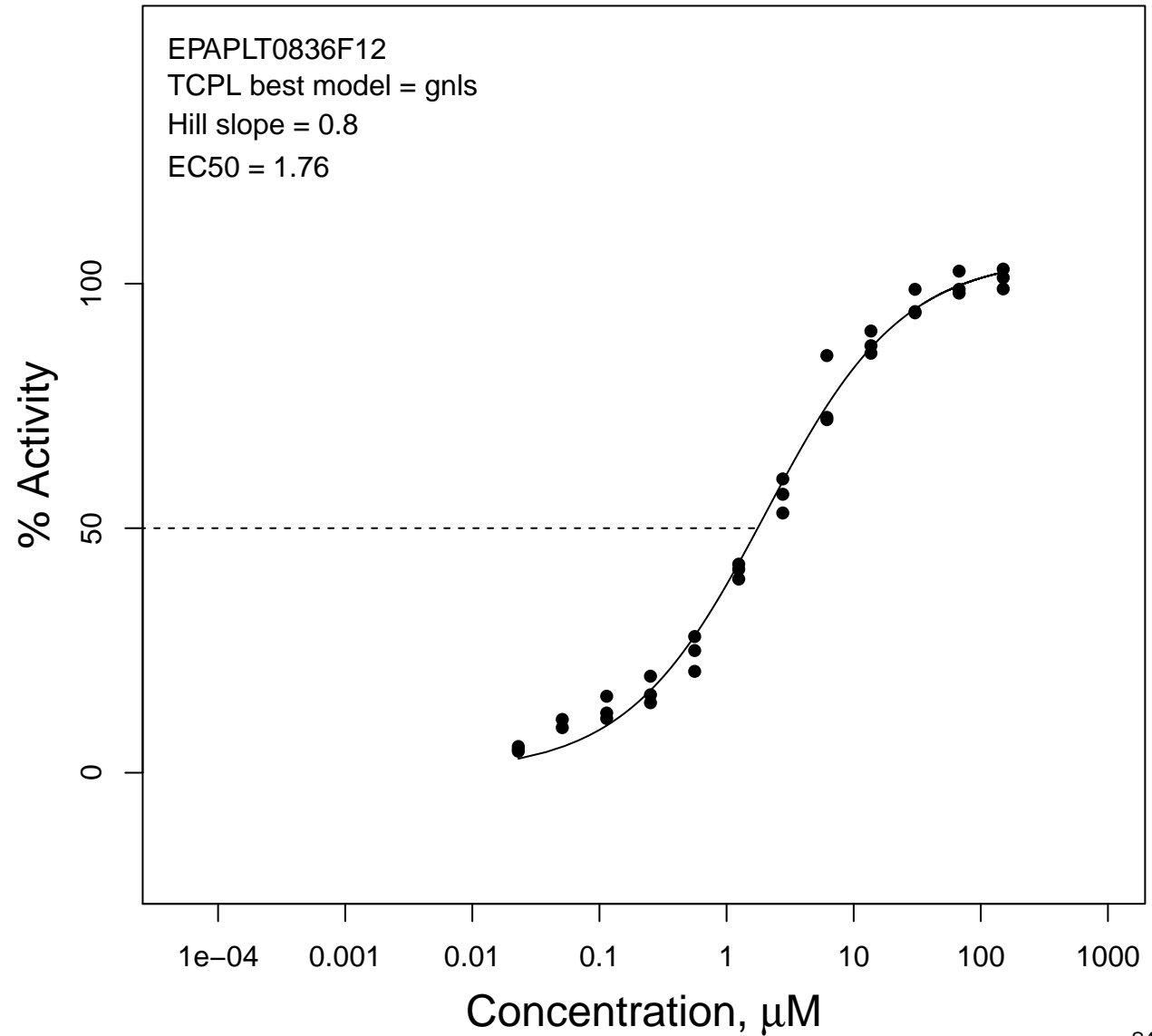
EC50 = 21.18



Potassium perfluorobutanesulfonate

CASRN: 29420-49-3

EPAPLT0836F12
TCPL best model = gnls
Hill slope = 0.8
EC50 = 1.76



Benzophenone

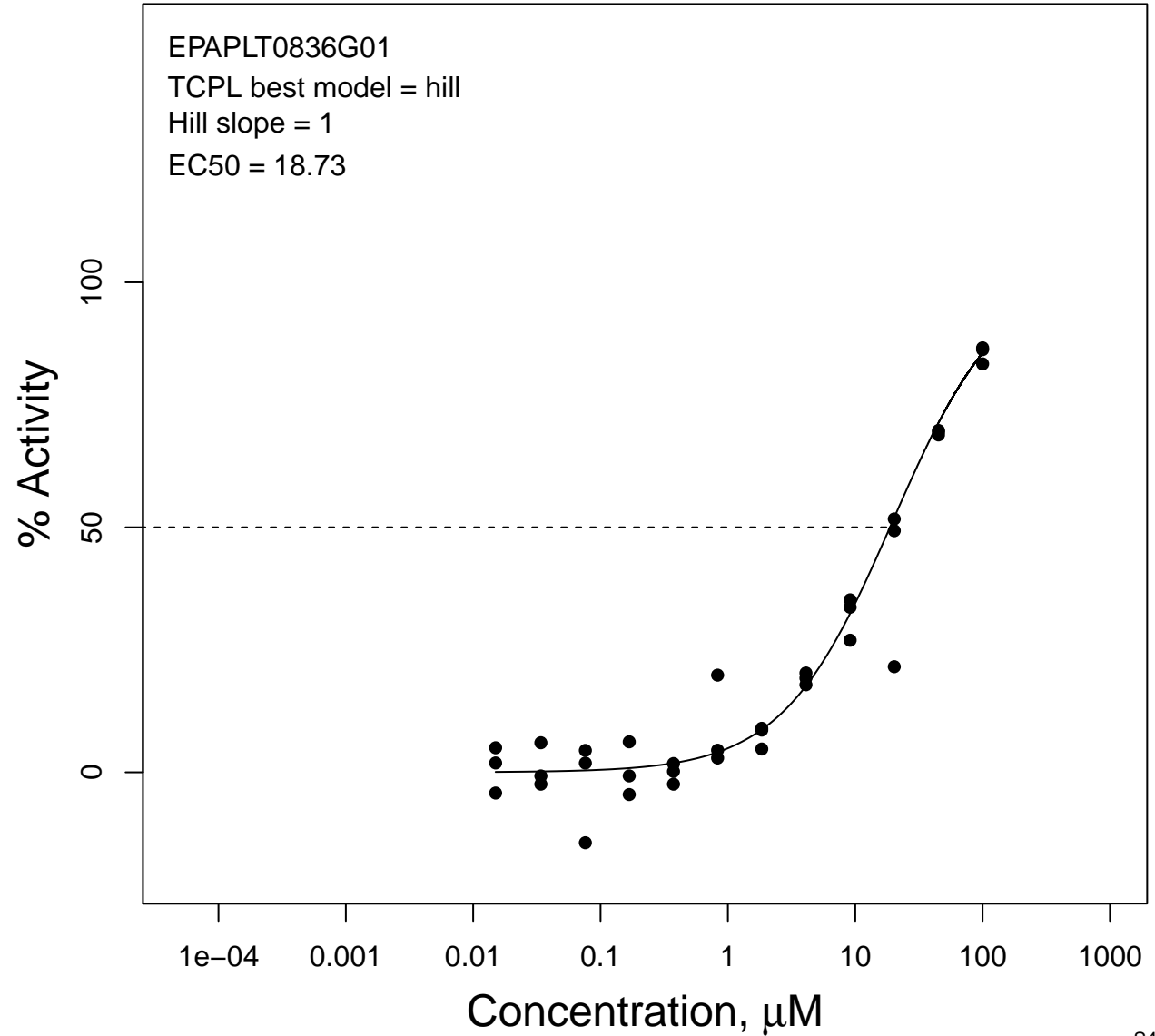
CASRN: 119-61-9

EPAPLT0836G01

TCPL best model = hill

Hill slope = 1

EC50 = 18.73



4-Chloro-3-methylphenol

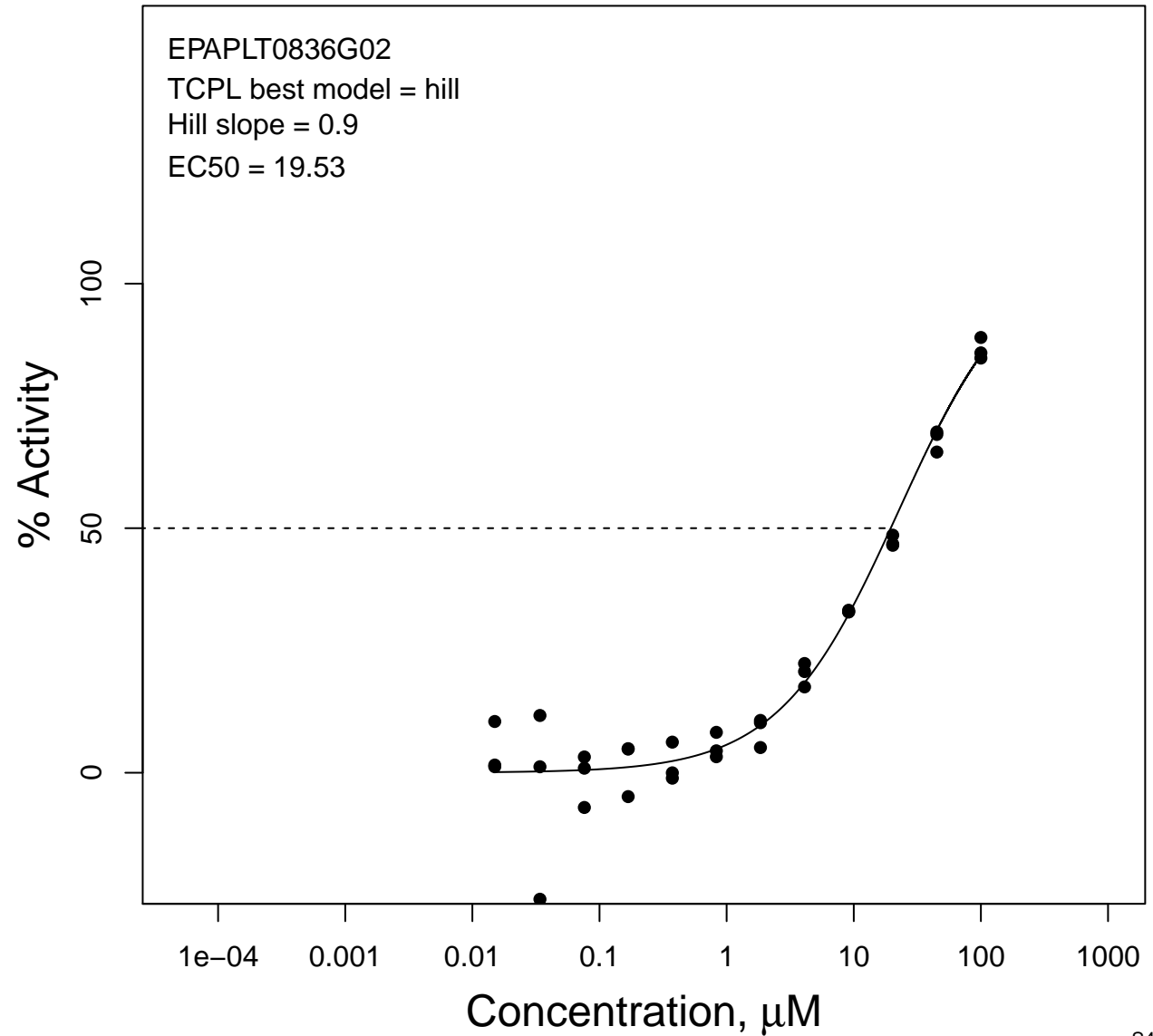
CASRN: 59-50-7

EPAPLT0836G02

TCPL best model = hill

Hill slope = 0.9

EC50 = 19.53



2-Chloro-4-phenylphenol

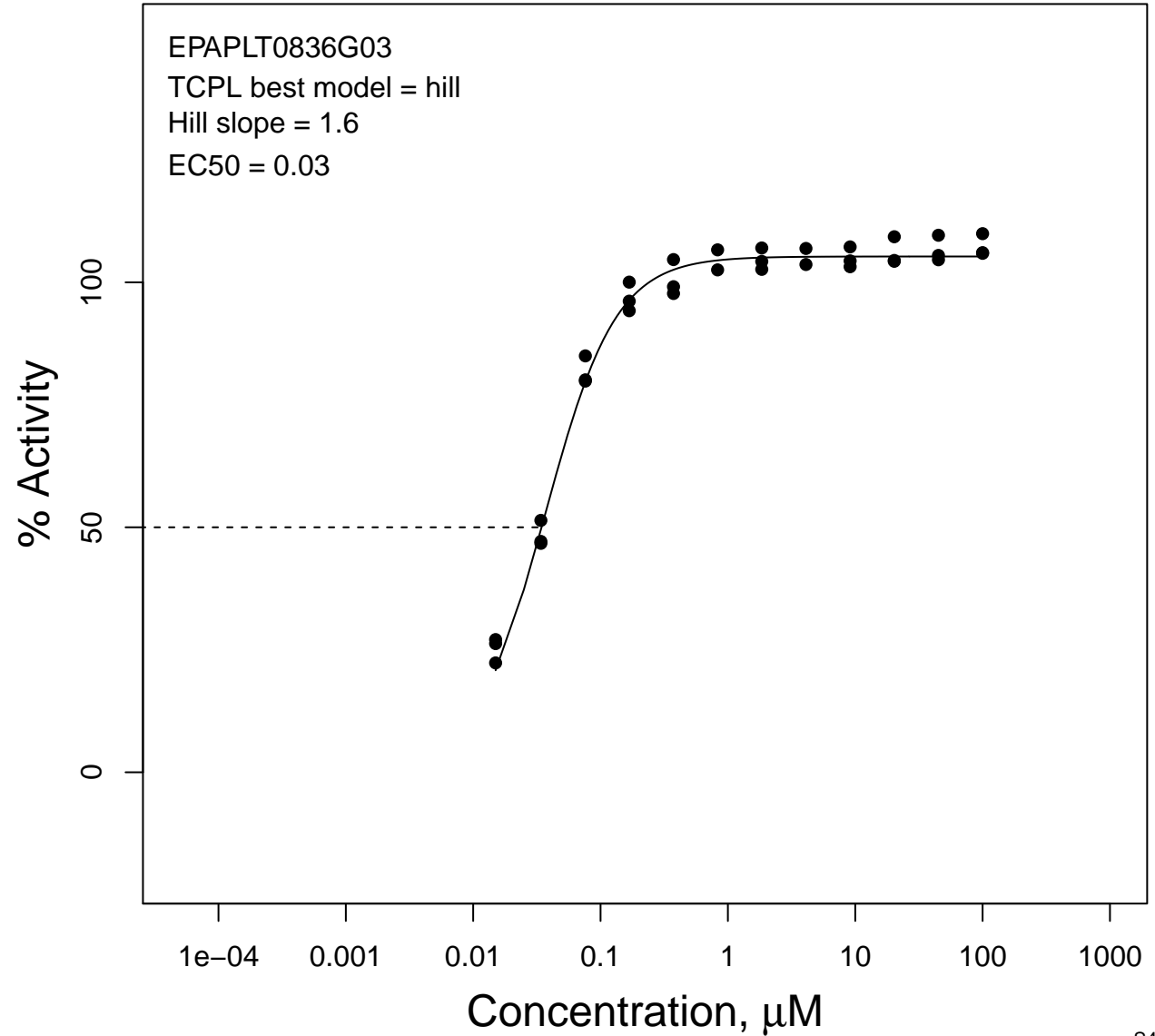
CASRN: 92-04-6

EPAPLT0836G03

TCPL best model = hill

Hill slope = 1.6

EC50 = 0.03



N-Ethylperfluorooctanesulfonamide

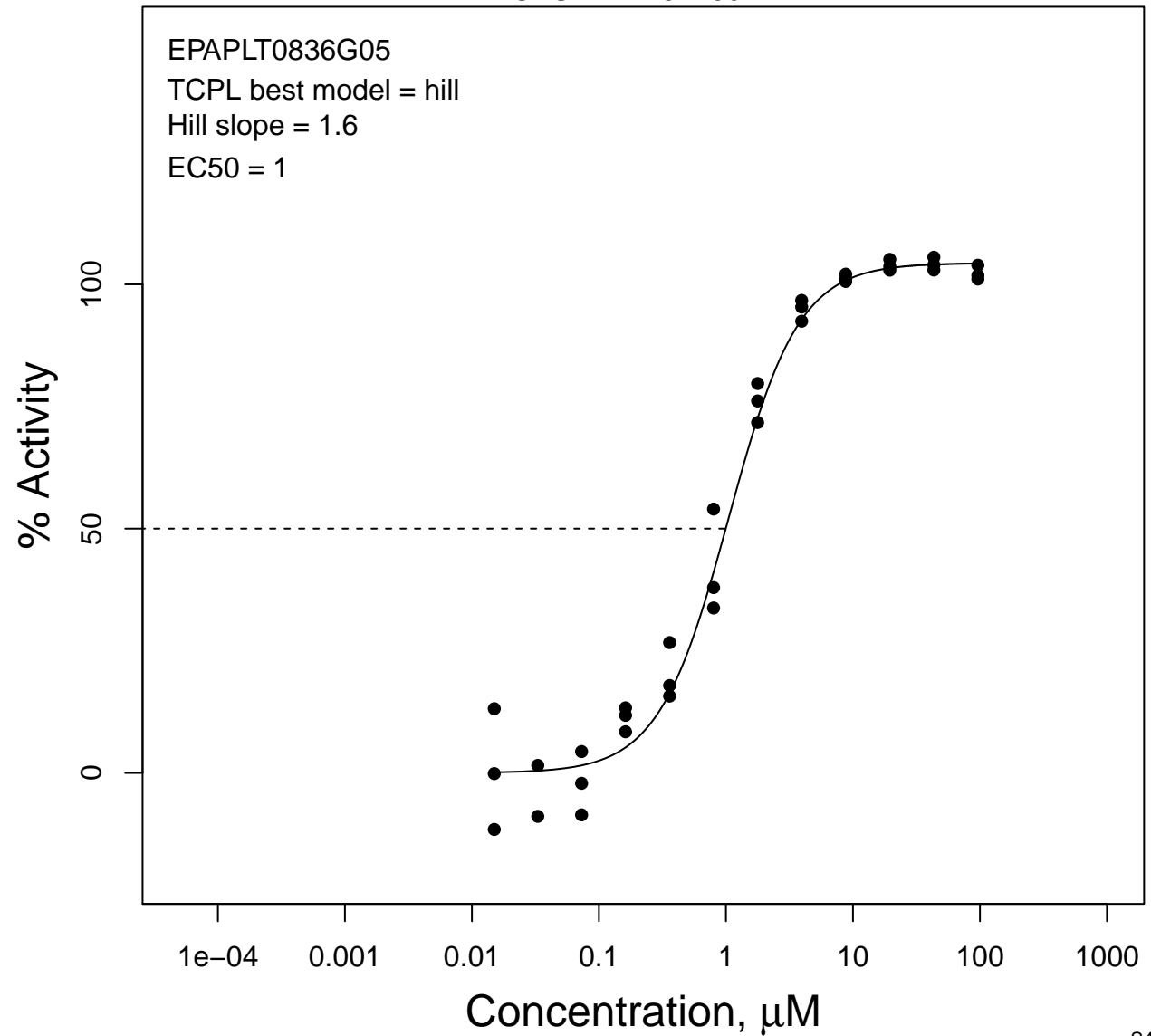
CASRN: 4151-50-2

EPAPLT0836G05

TCPL best model = hill

Hill slope = 1.6

EC50 = 1



4-Pentylaniline

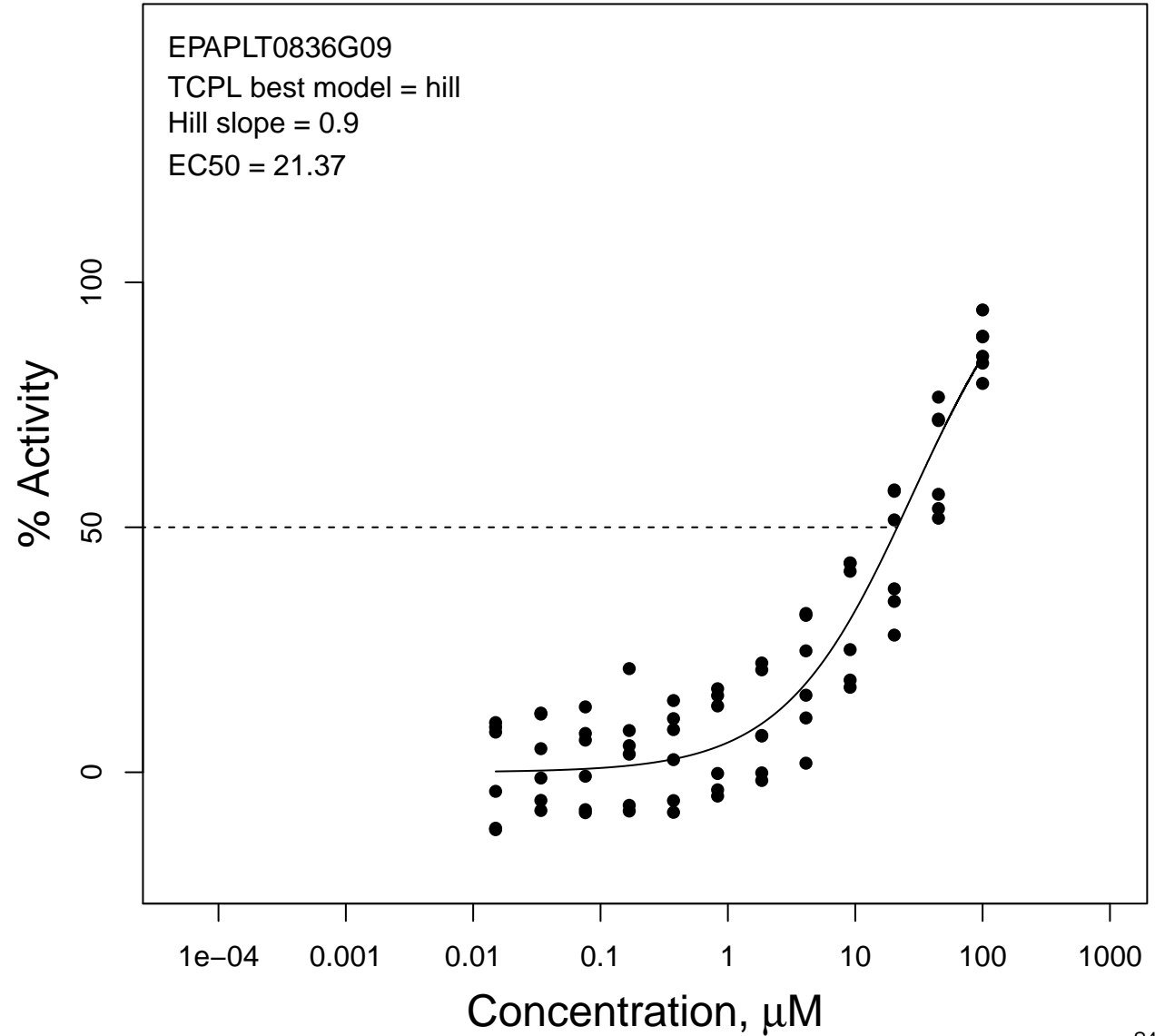
CASRN: 33228-44-3

EPAPLT0836G09

TCPL best model = hill

Hill slope = 0.9

EC50 = 21.37



Isoeugenol

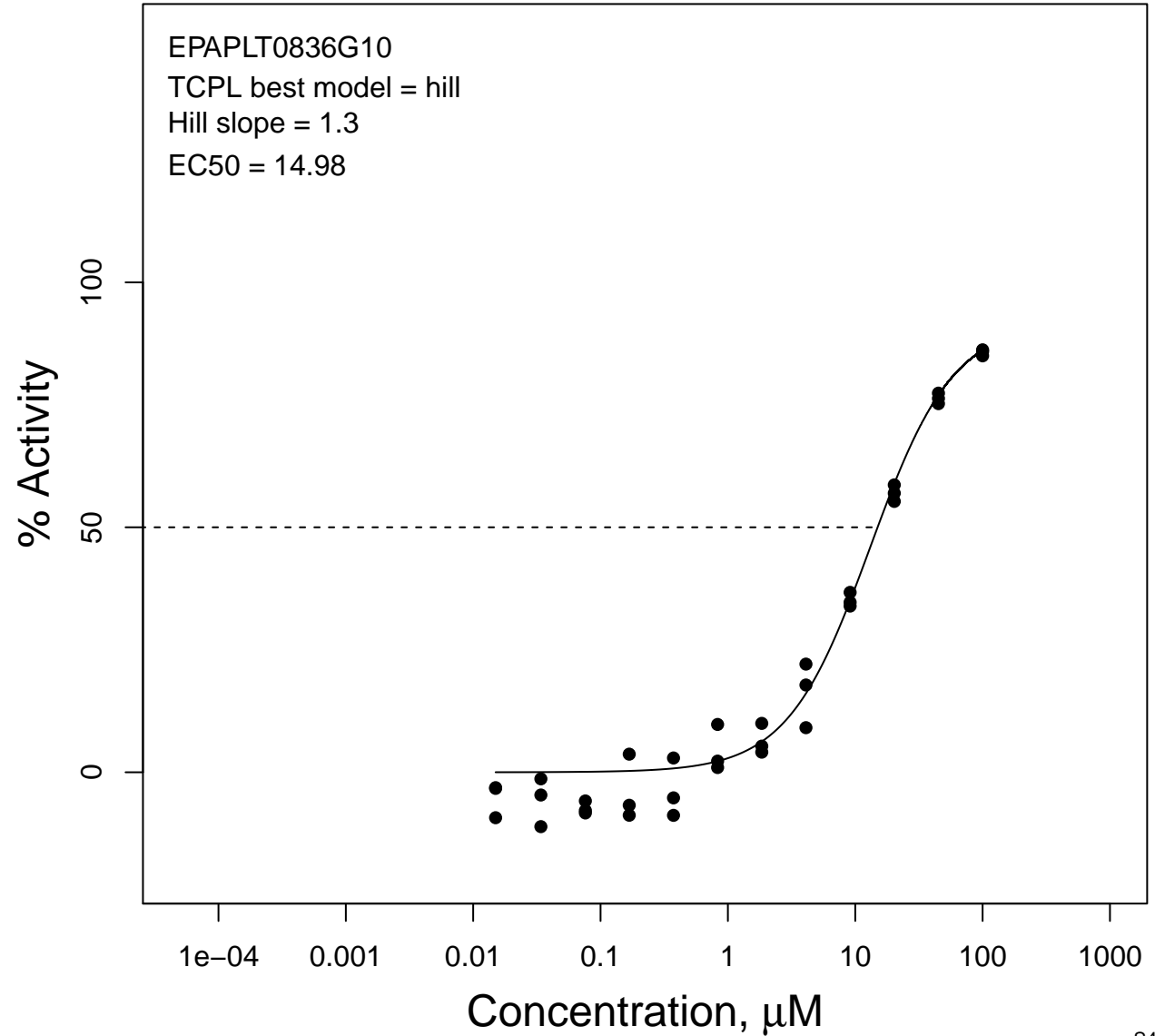
CASRN: 97-54-1

EPAPLT0836G10

TCPL best model = hill

Hill slope = 1.3

EC50 = 14.98



2-tert-Butyl-4-ethylphenol

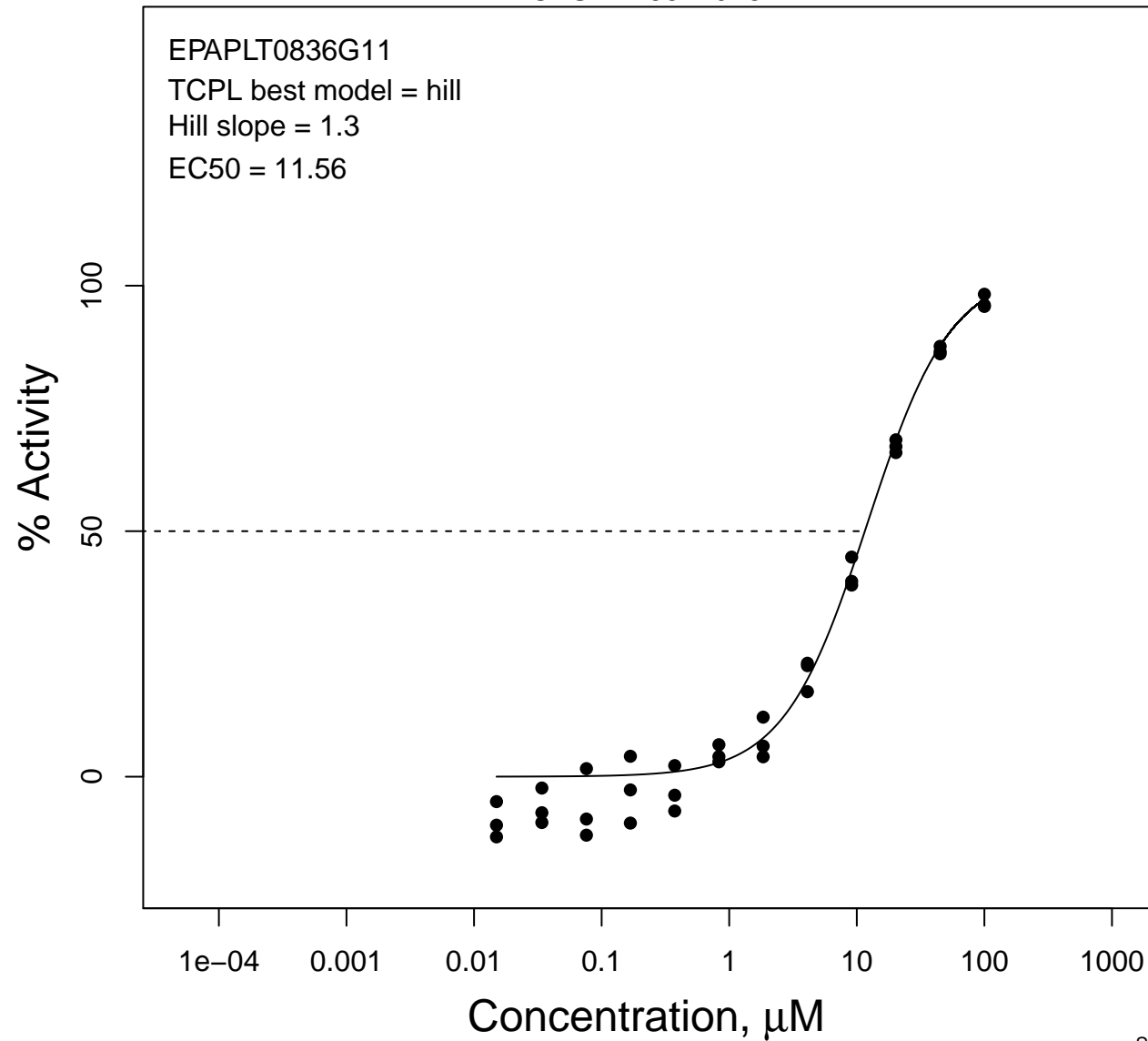
CASRN: 96-70-8

EPAPLT0836G11

TCPL best model = hill

Hill slope = 1.3

EC50 = 11.56



Perfluorononanoic acid

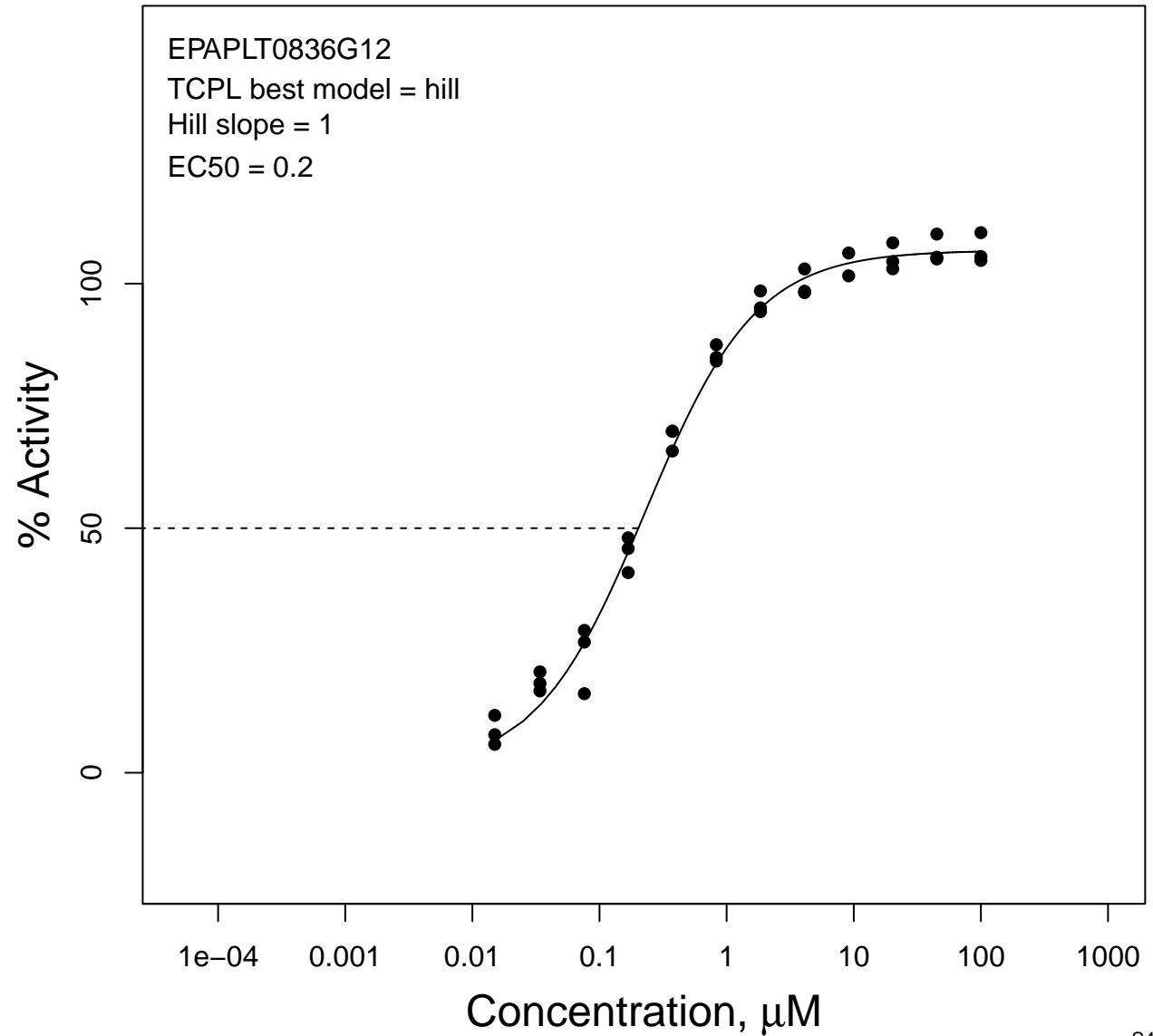
CASRN: 375-95-1

EPAPLT0836G12

TCPL best model = hill

Hill slope = 1

EC50 = 0.2



Flumioxazin

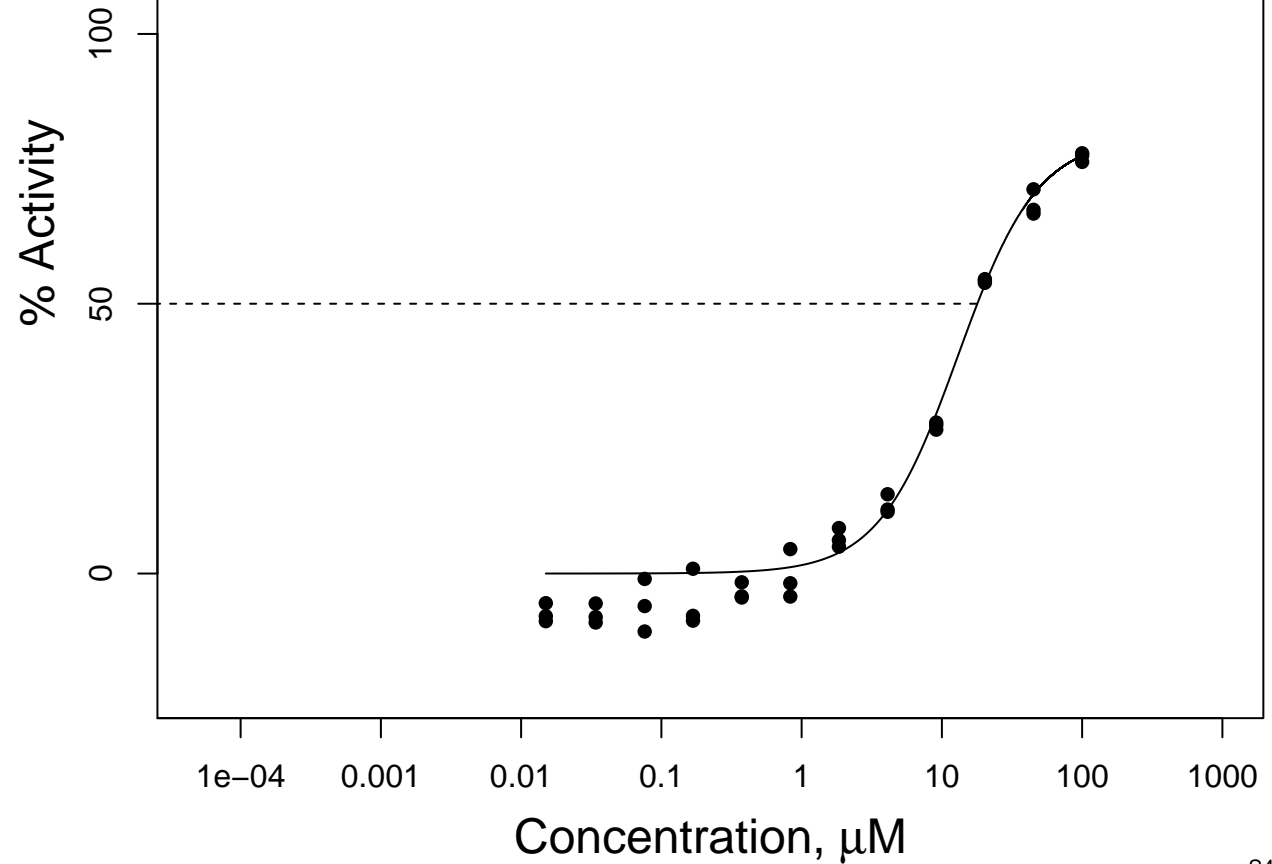
CASRN: 103361-09-7

EPAPLT0836H03

TCPL best model = hill

Hill slope = 1.5

EC50 = 17.89



1,2-Benzenedicarboxaldehyde

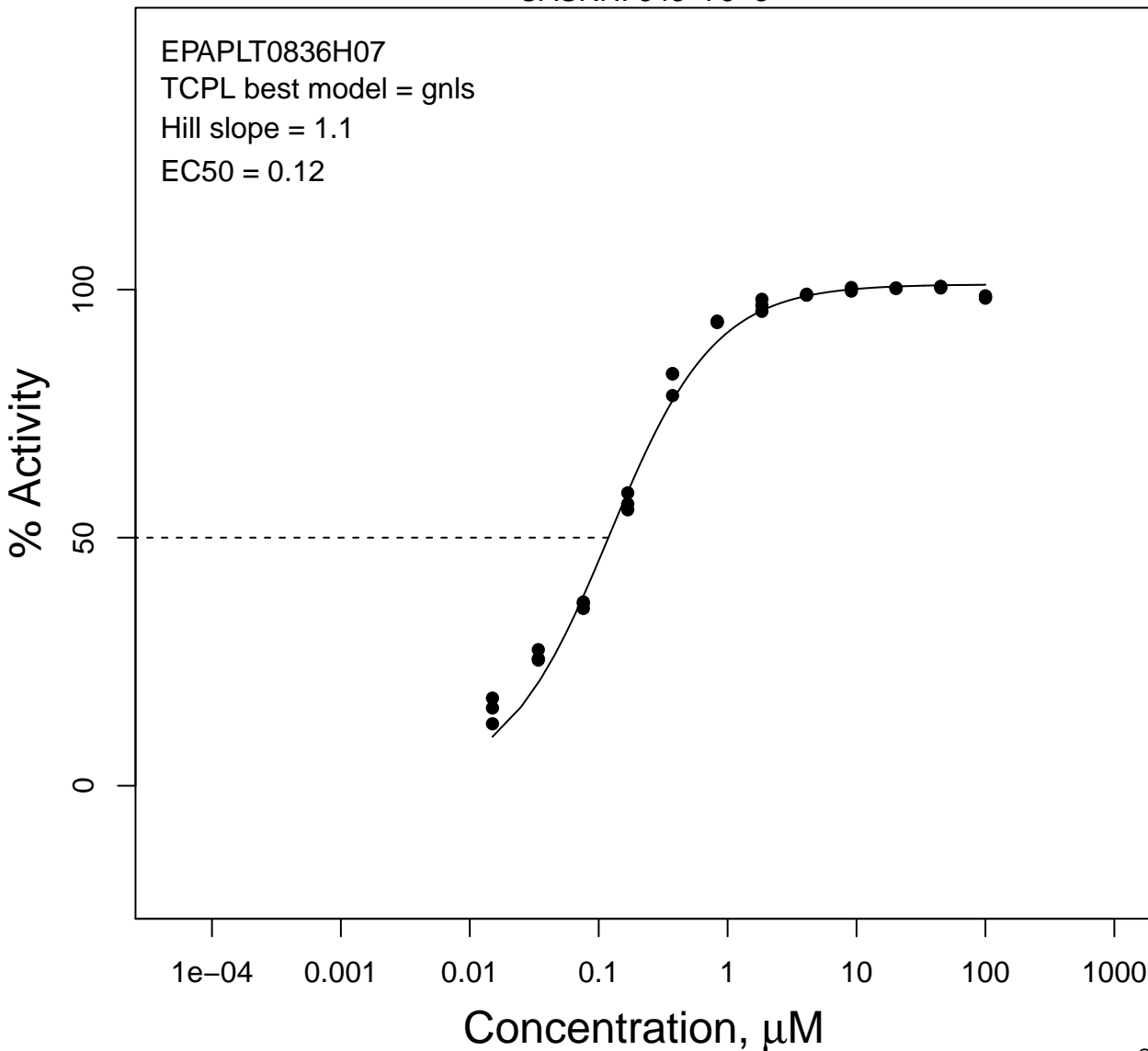
CASRN: 643-79-8

EPAPLT0836H07

TCPL best model = gnls

Hill slope = 1.1

EC50 = 0.12



Chrysin

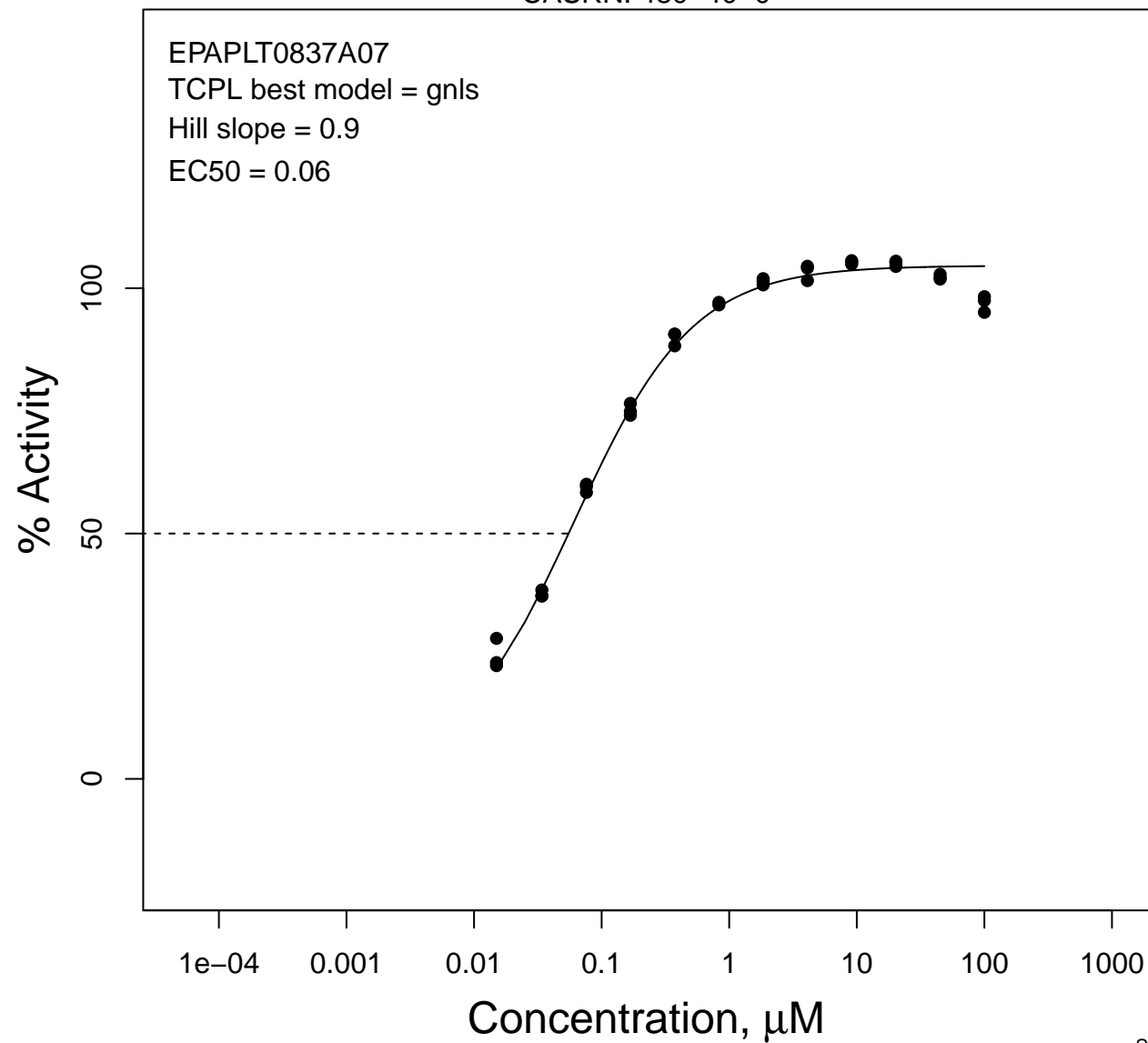
CASRN: 480-40-0

EPAPLT0837A07

TCPL best model = gnls

Hill slope = 0.9

EC50 = 0.06



Pendimethalin

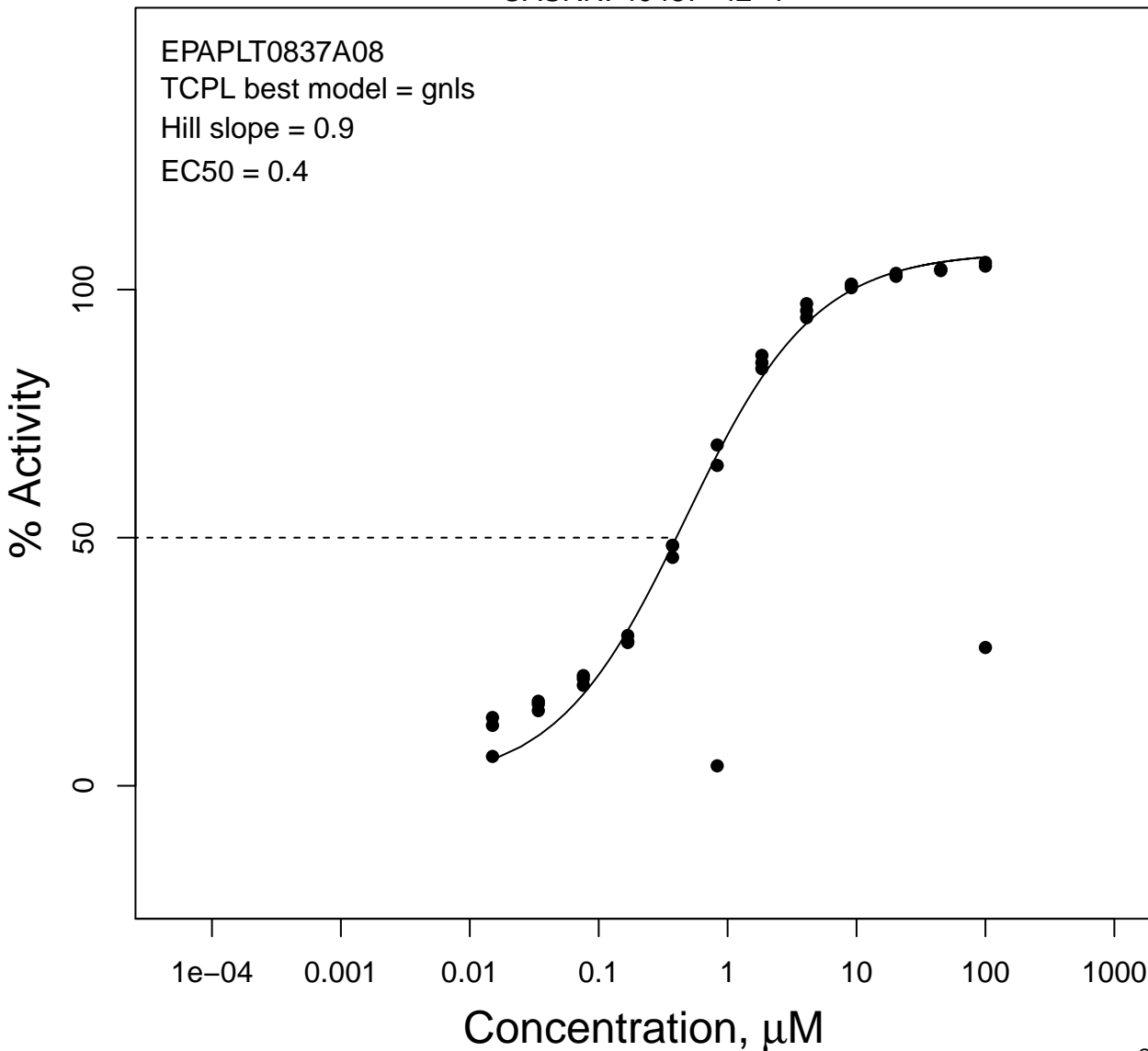
CASRN: 40487-42-1

EPAPLT0837A08

TCPL best model = gnl5

Hill slope = 0.9

EC50 = 0.4



1-Naphthol

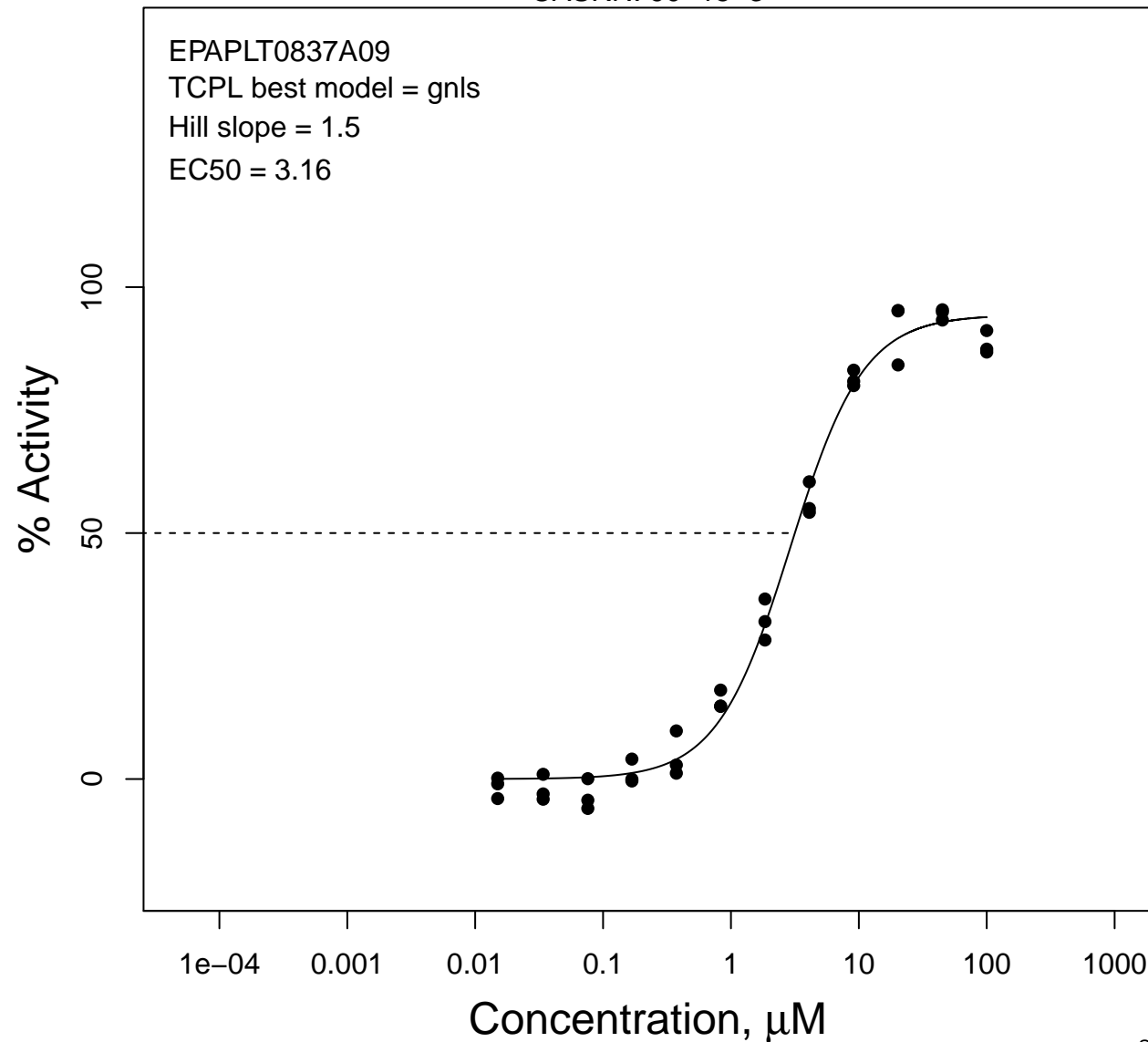
CASRN: 90-15-3

EPAPLT0837A09

TCPL best model = gnls

Hill slope = 1.5

EC50 = 3.16



Phenyl salicylate

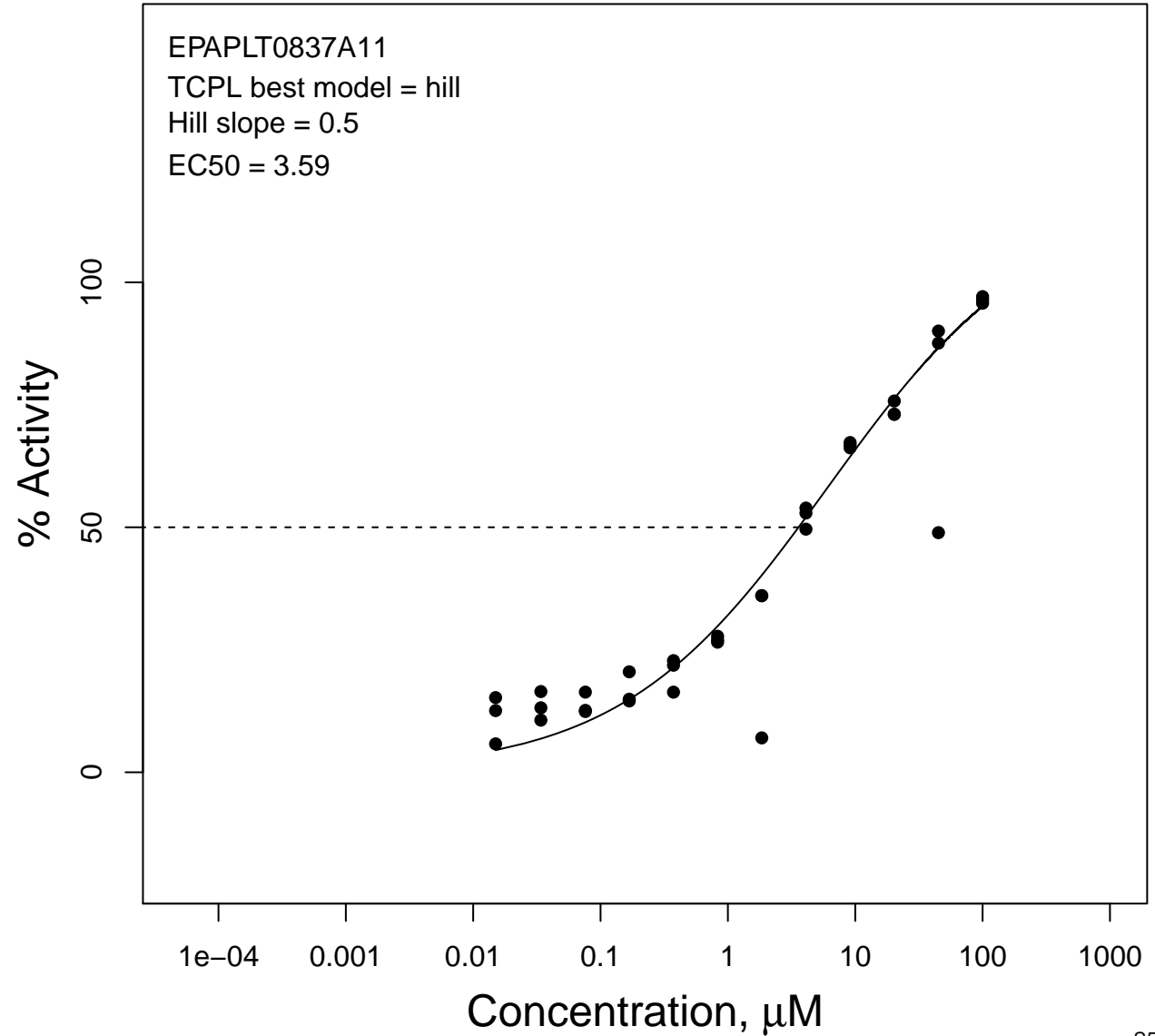
CASRN: 118-55-8

EPAPLT0837A11

TCPL best model = hill

Hill slope = 0.5

EC50 = 3.59



Methyl red

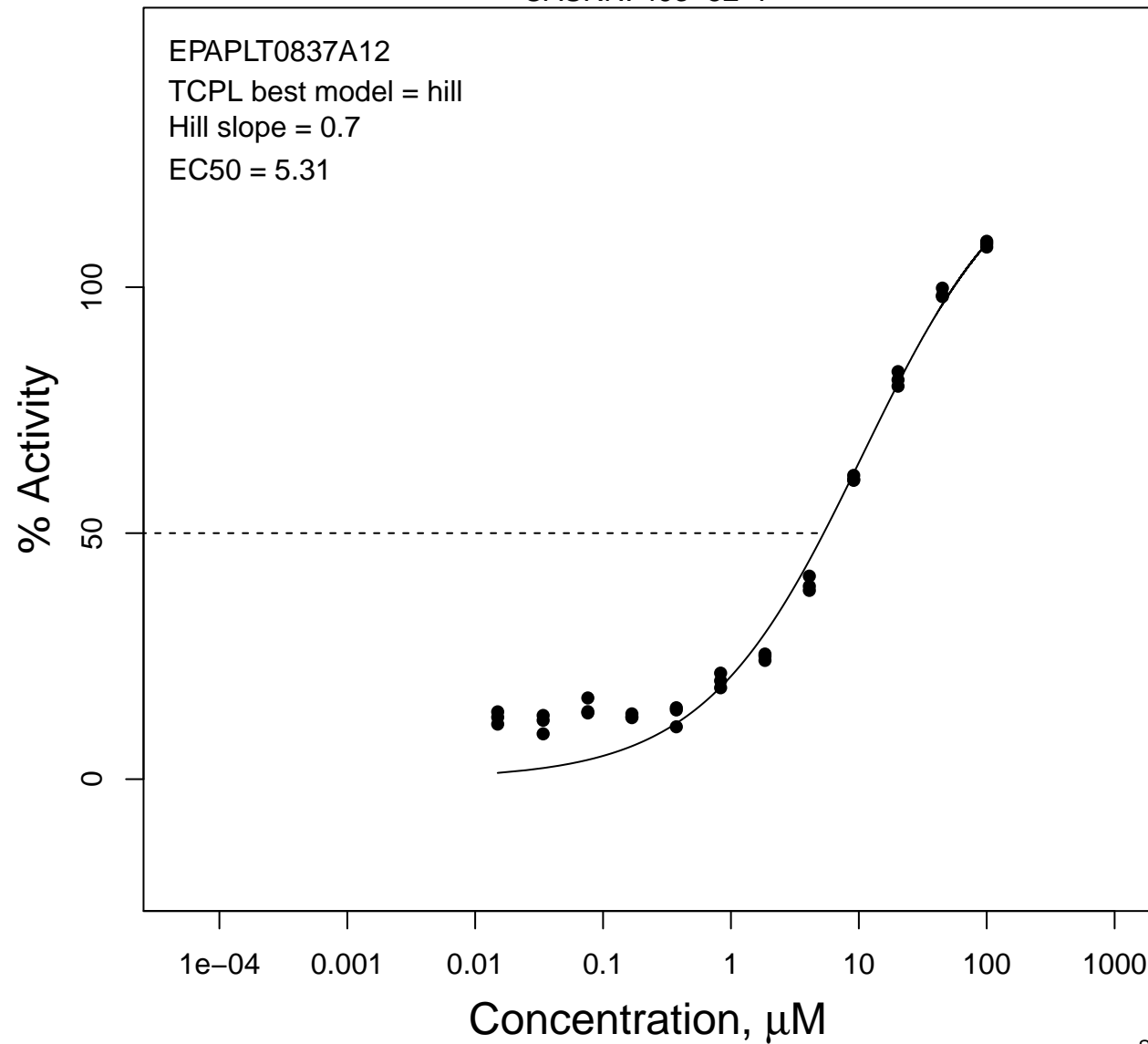
CASRN: 493-52-7

EPAPLT0837A12

TCPL best model = hill

Hill slope = 0.7

EC50 = 5.31



Octyl gallate

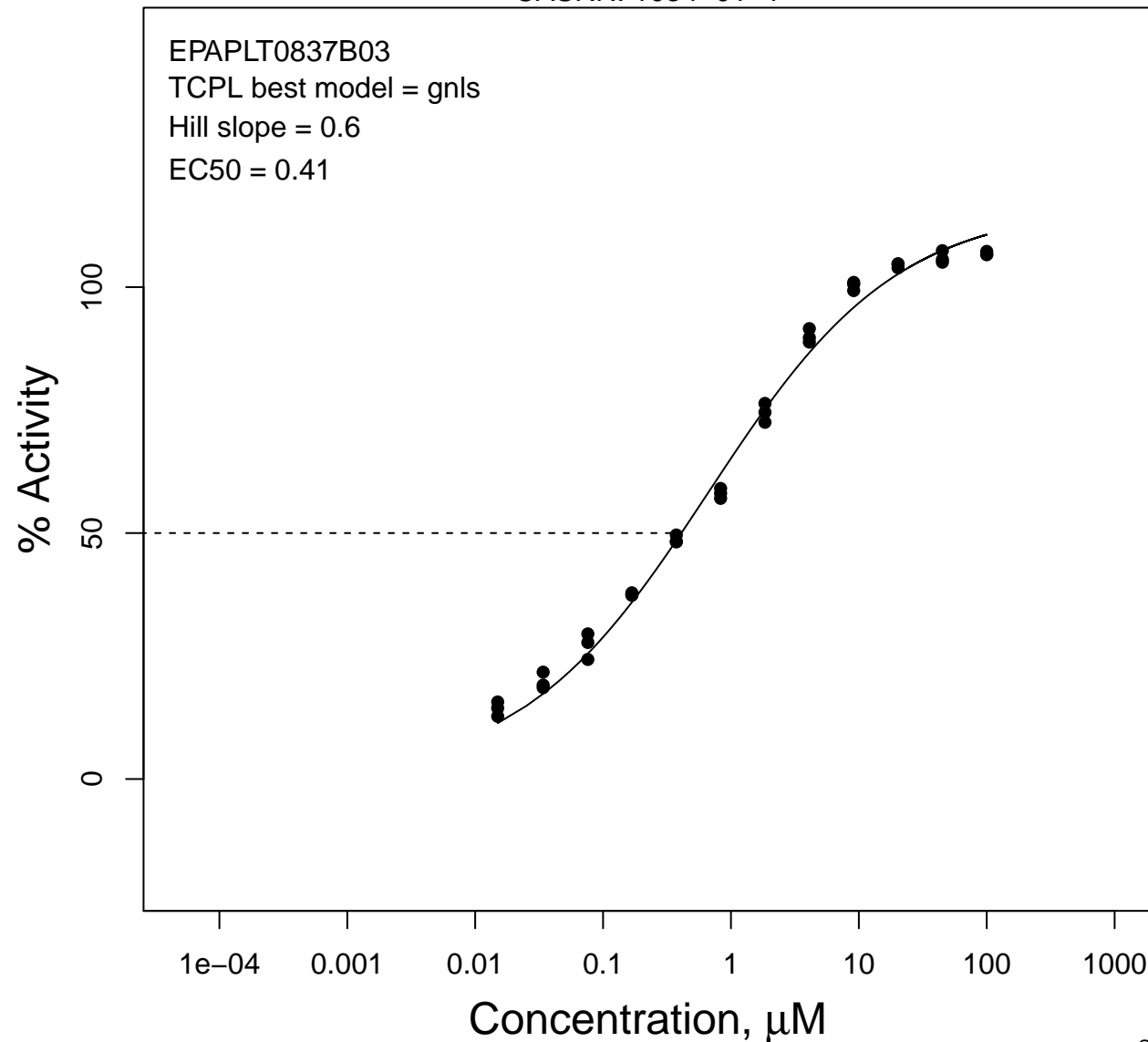
CASRN: 1034-01-1

EPAPLT0837B03

TCPL best model = gnls

Hill slope = 0.6

EC50 = 0.41



Hexachloro-1,3-butadiene

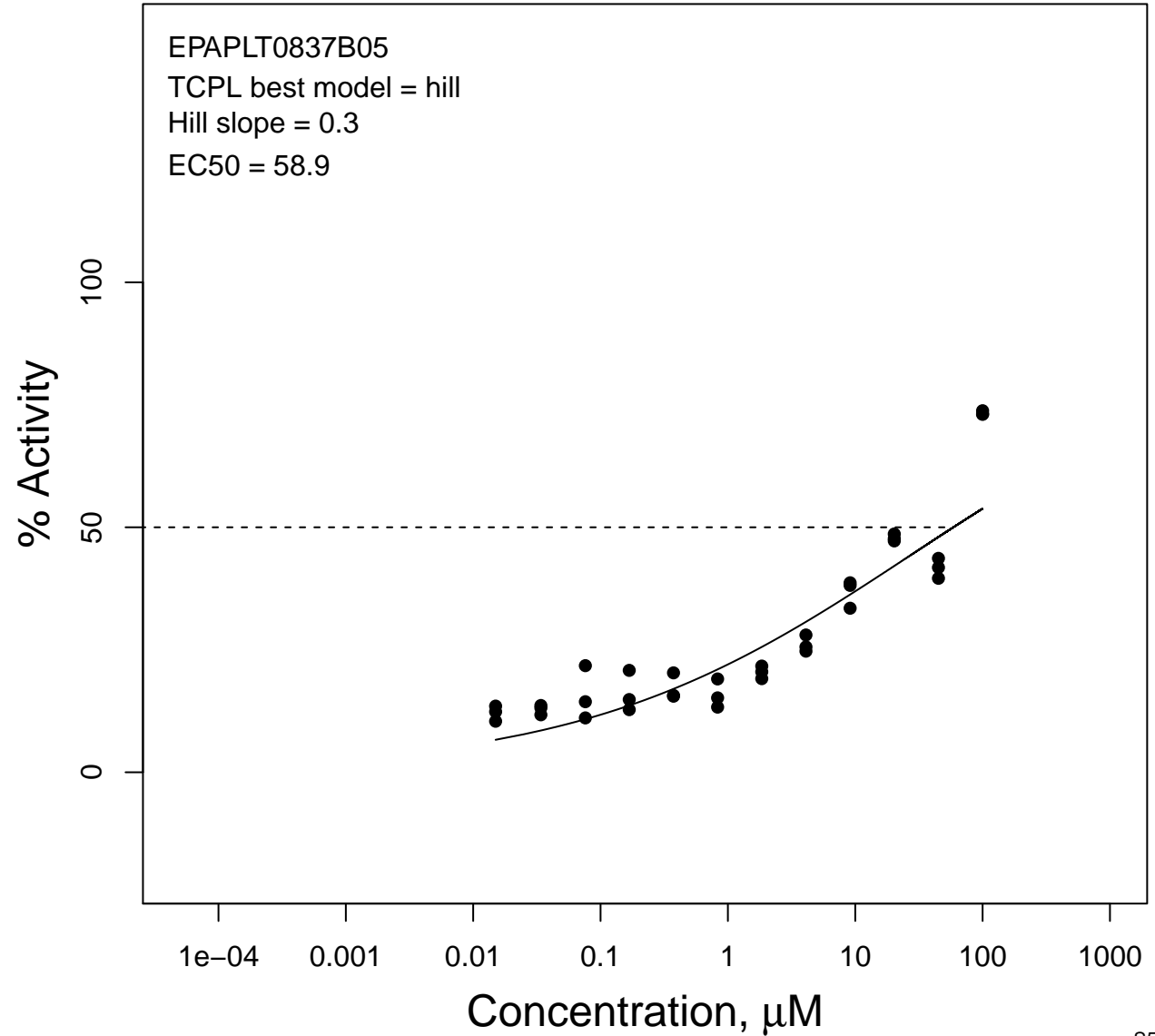
CASRN: 87-68-3

EPAPLT0837B05

TCPL best model = hill

Hill slope = 0.3

EC50 = 58.9



Perfluoroheptanoic acid

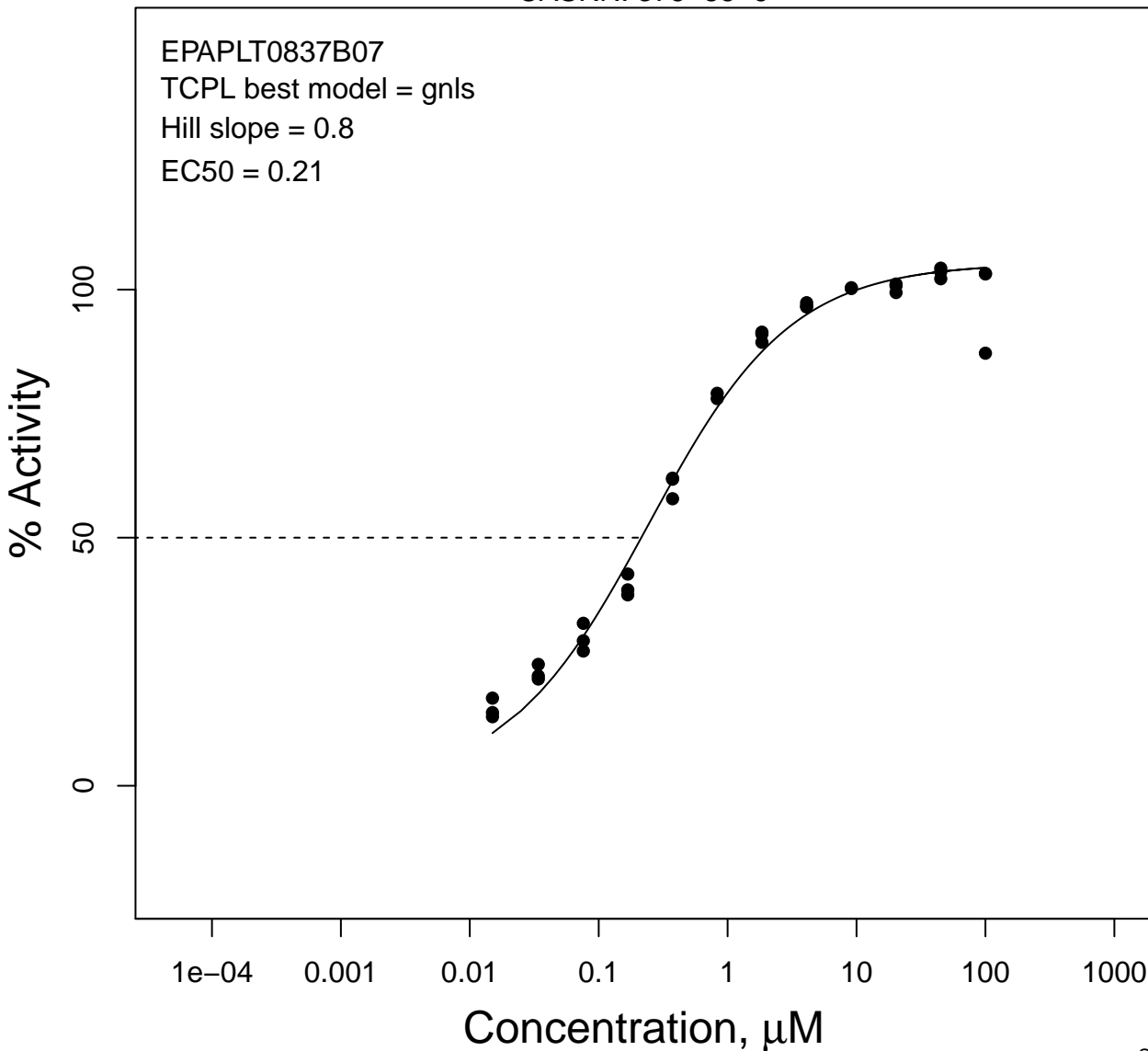
CASRN: 375-85-9

EPAPLT0837B07

TCPL best model = gnls

Hill slope = 0.8

EC50 = 0.21



Sodium 2-mercaptobenzothiolate

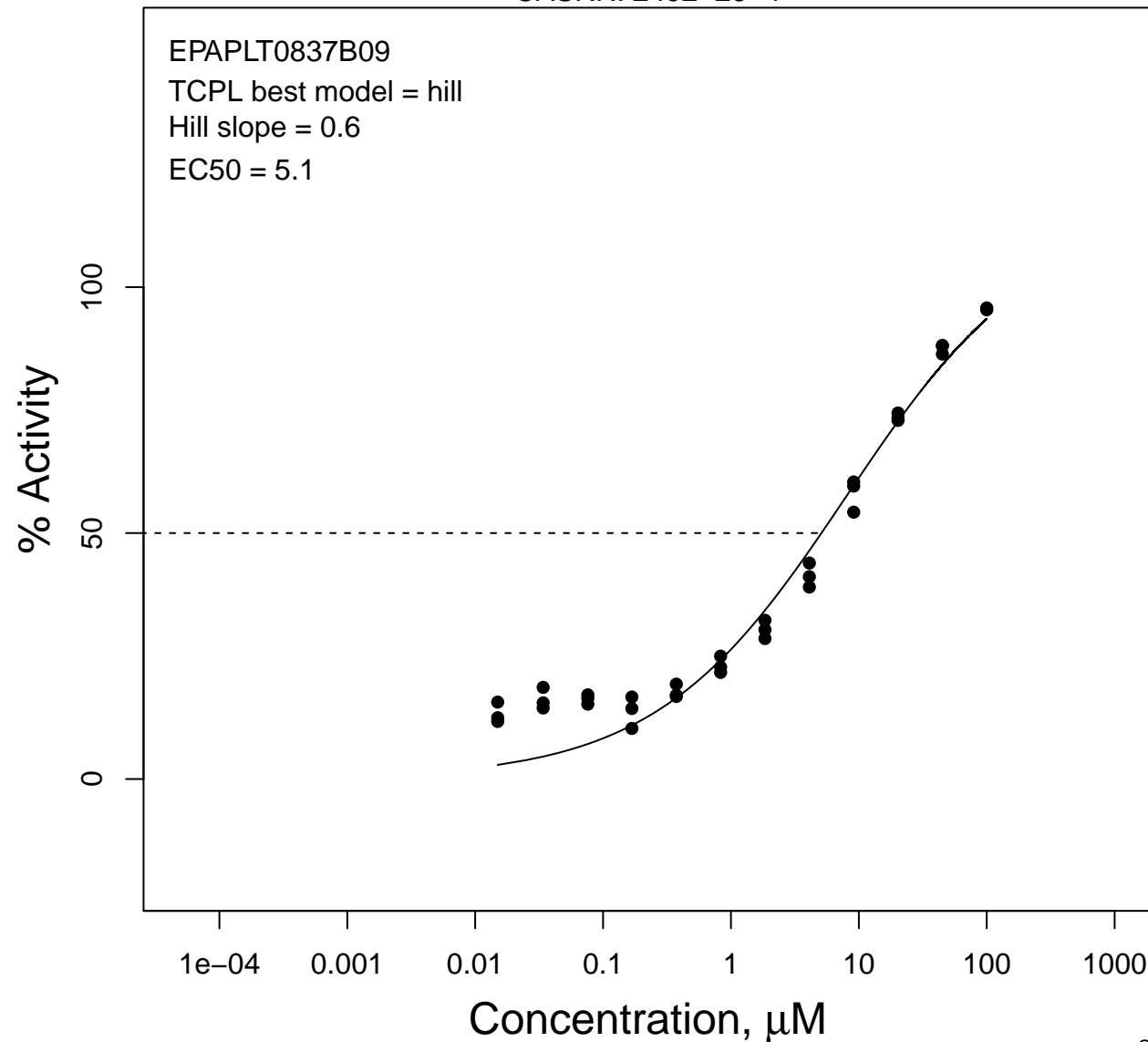
CASRN: 2492-26-4

EPAPLT0837B09

TCPL best model = hill

Hill slope = 0.6

EC50 = 5.1



1-(p-Chlorobenzoyl)-5-methoxy-2-methyl-Indole-3-acetic acid

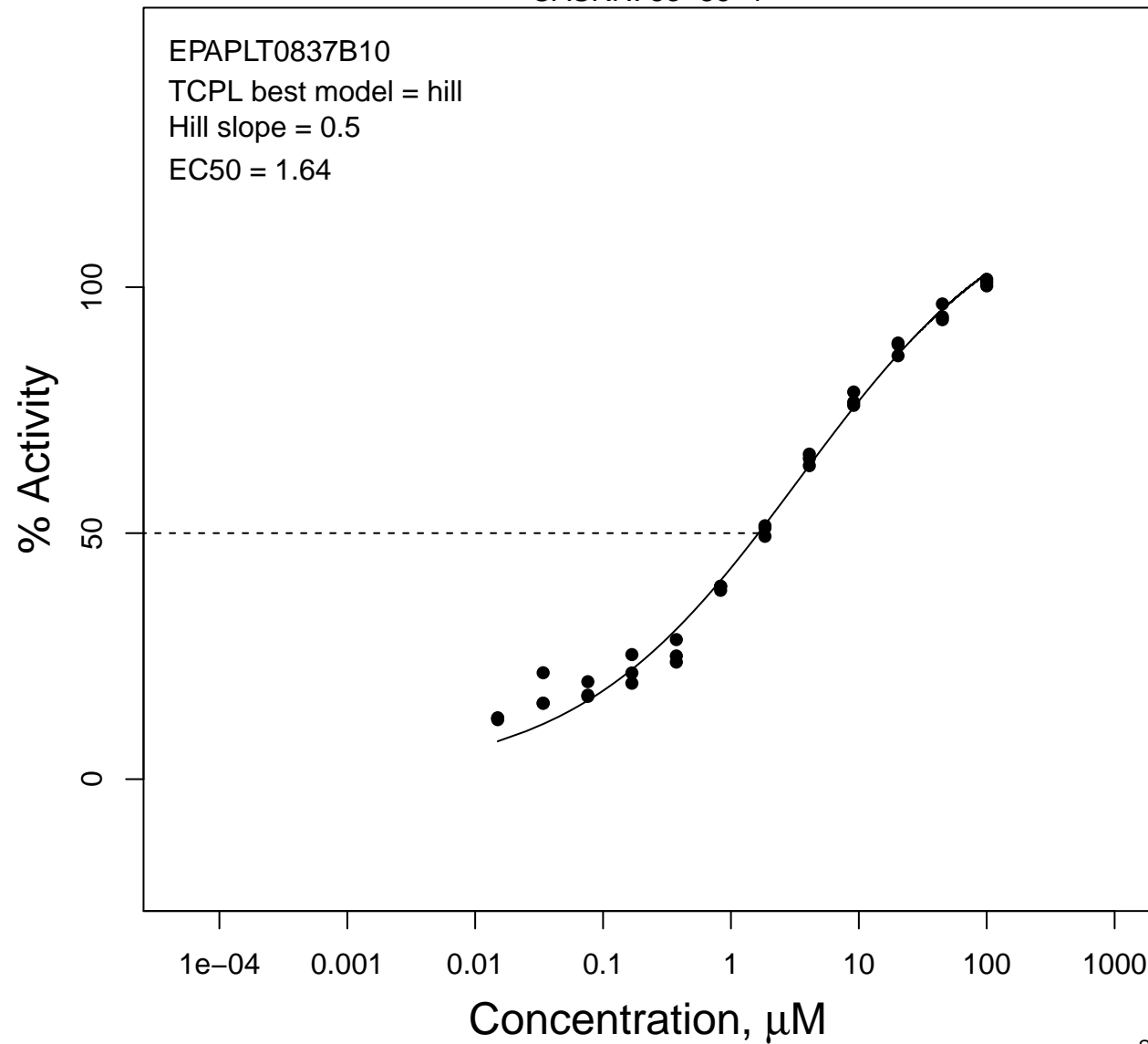
CASRN: 53-86-1

EPAPLT0837B10

TCPL best model = hill

Hill slope = 0.5

EC50 = 1.64



2-Isopropylphenol

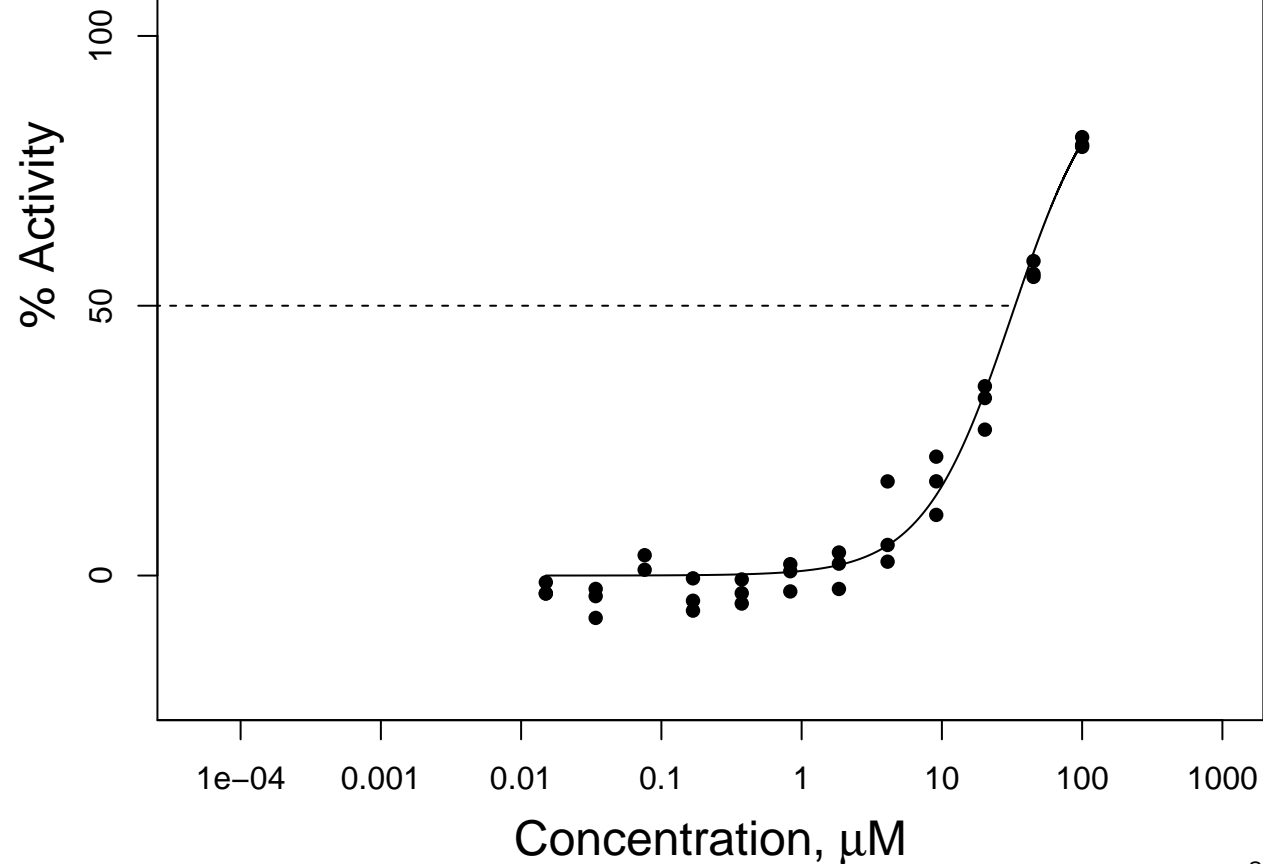
CASRN: 88-69-7

EPAPLT0837B11

TCPL best model = hill

Hill slope = 1.4

EC50 = 33.25



CP-100829

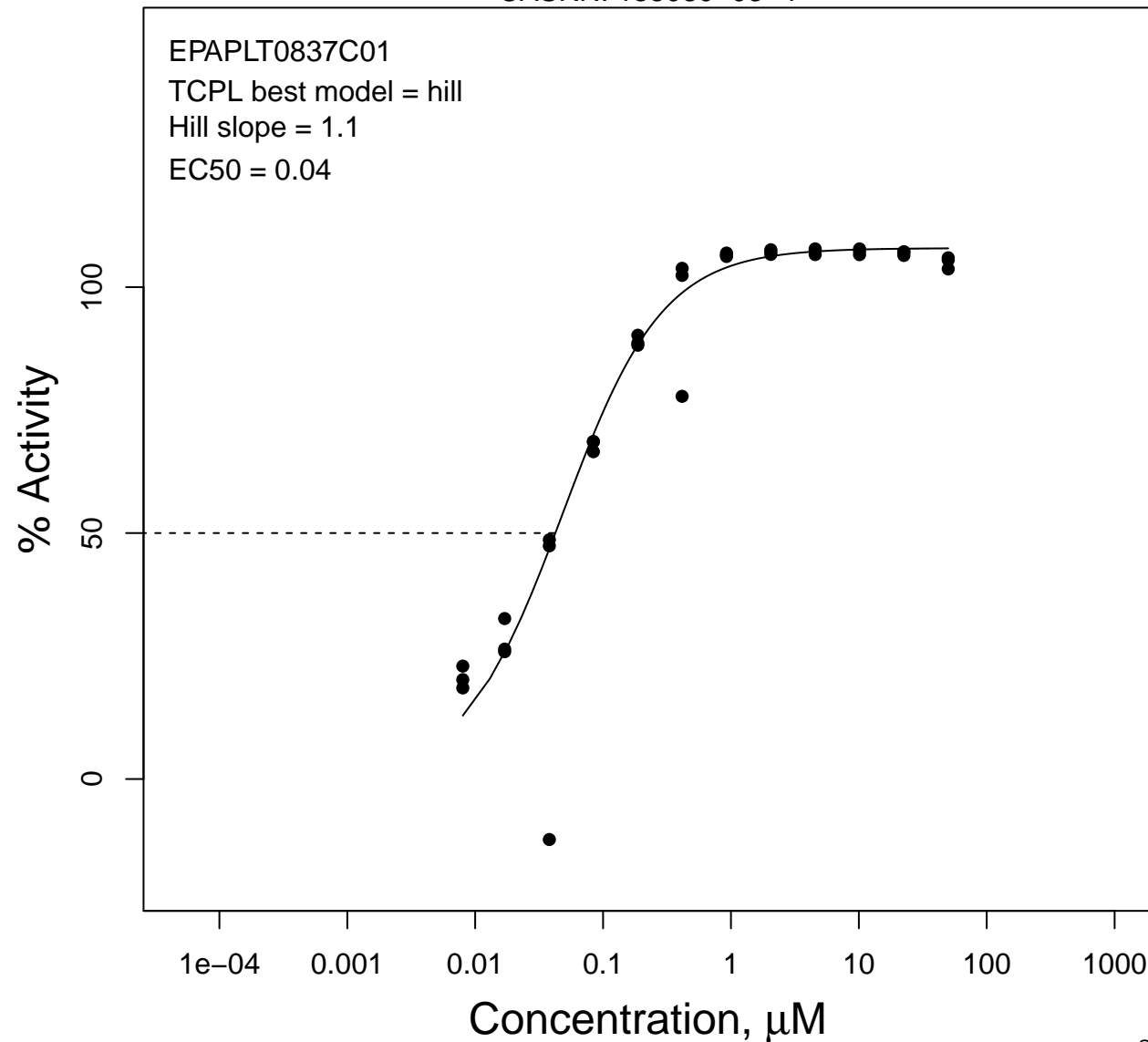
CASRN: 135080-03-4

EPAPLT0837C01

TCPL best model = hill

Hill slope = 1.1

EC50 = 0.04



Methyl linoleate

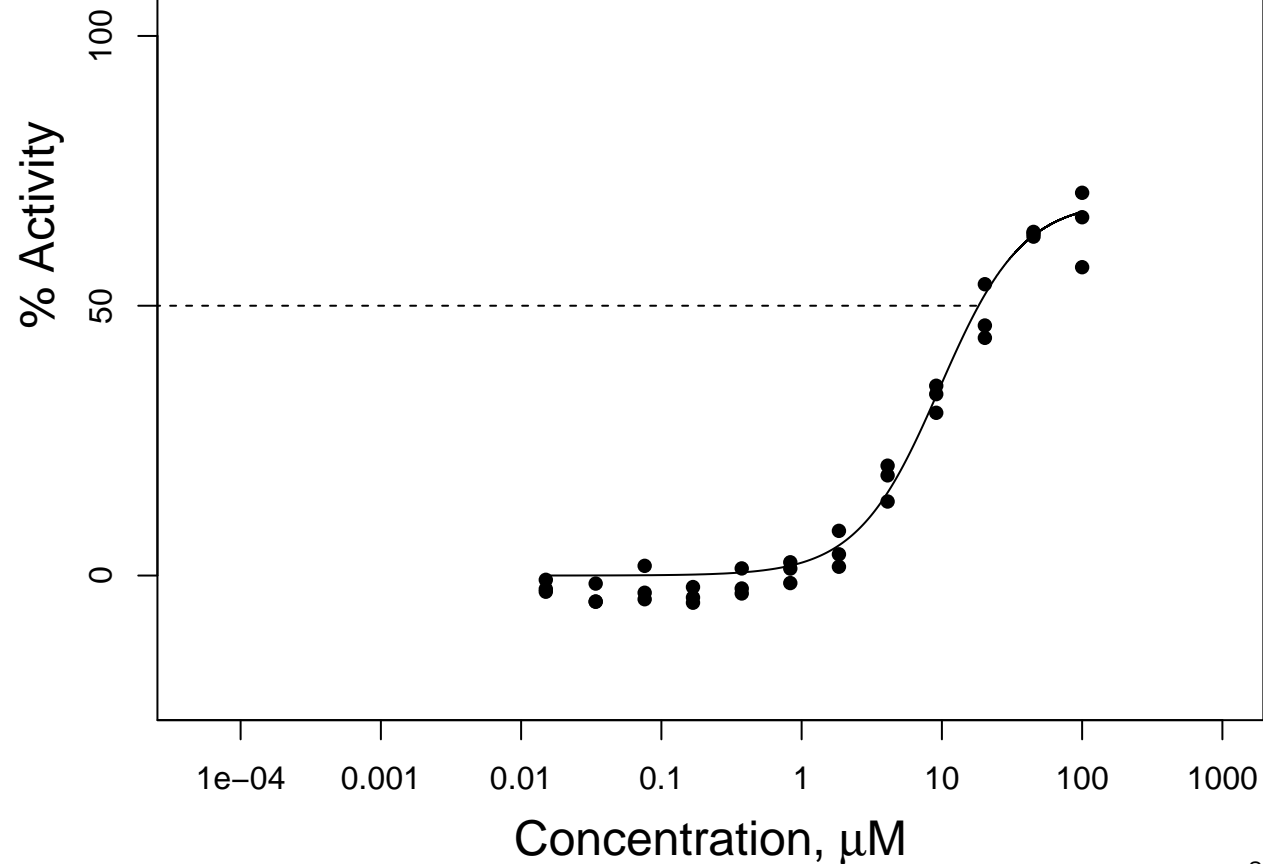
CASRN: 112-63-0

EPAPLT0837C04

TCPL best model = hill

Hill slope = 1.5

EC50 = 18.27



C.I. Solvent Yellow 1

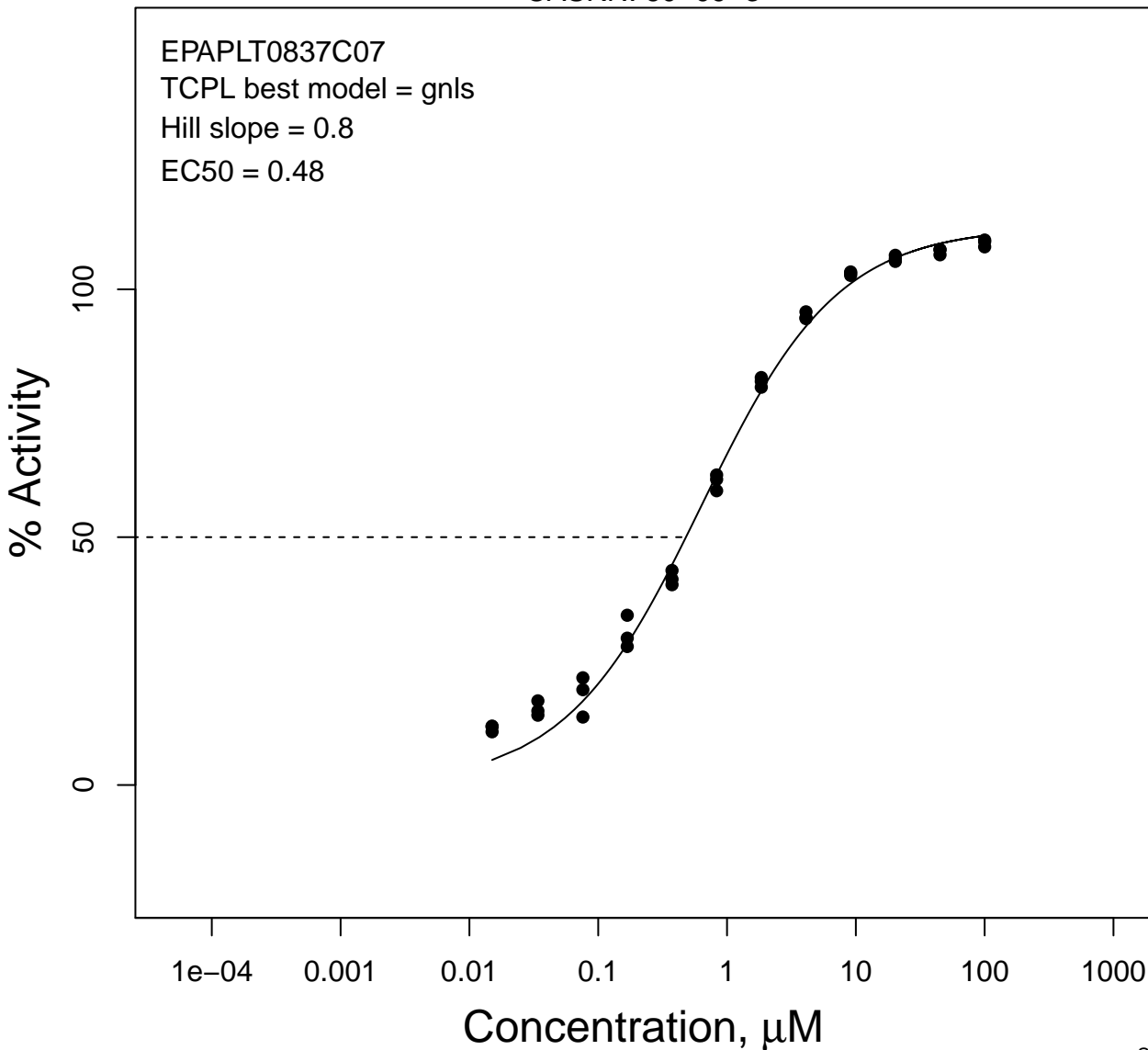
CASRN: 60-09-3

EPAPLT0837C07

TCPL best model = gnls

Hill slope = 0.8

EC50 = 0.48



4,4'-Sulfonyldiphenol

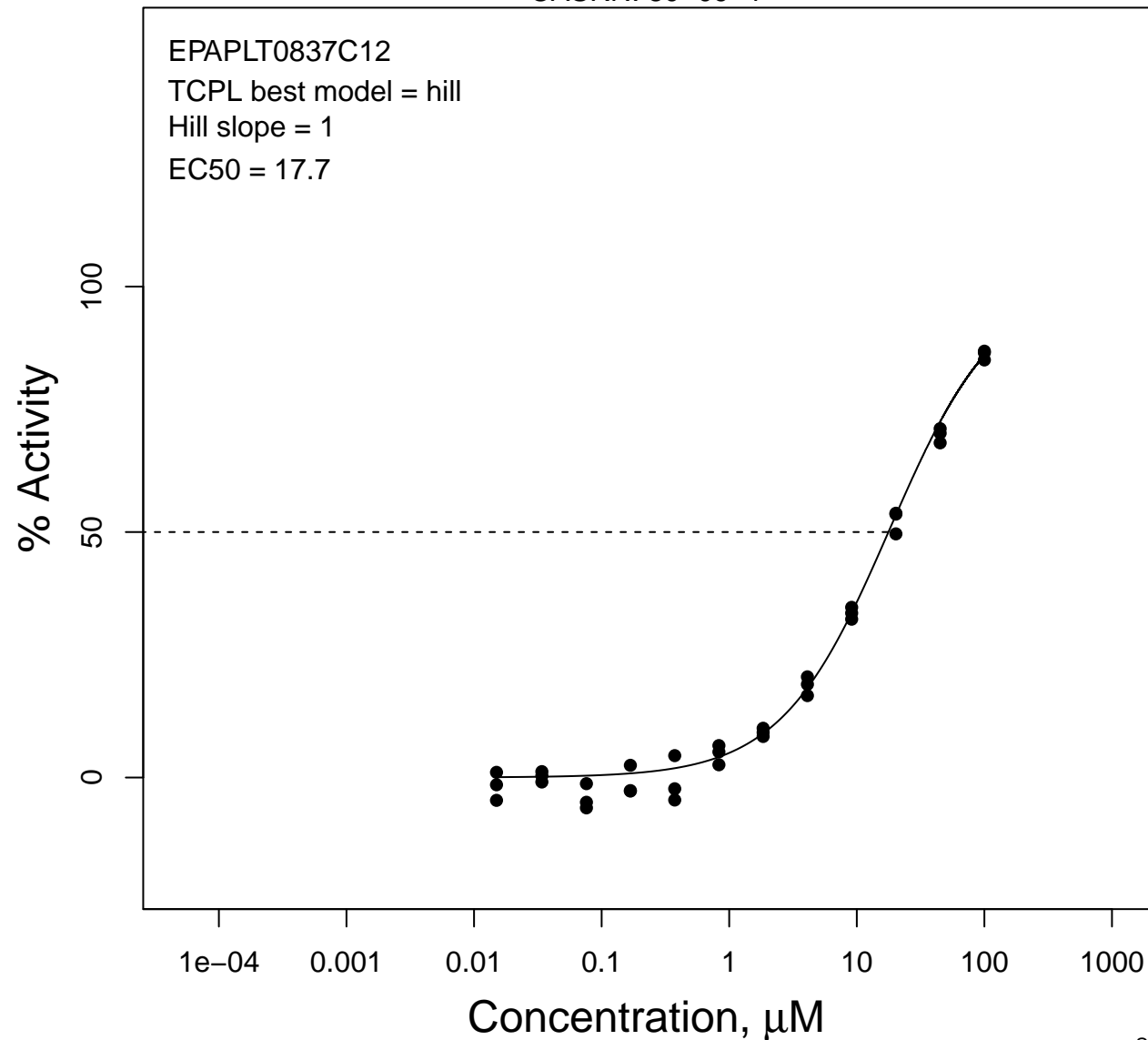
CASRN: 80-09-1

EPAPLT0837C12

TCPL best model = hill

Hill slope = 1

EC50 = 17.7



Triflumizole

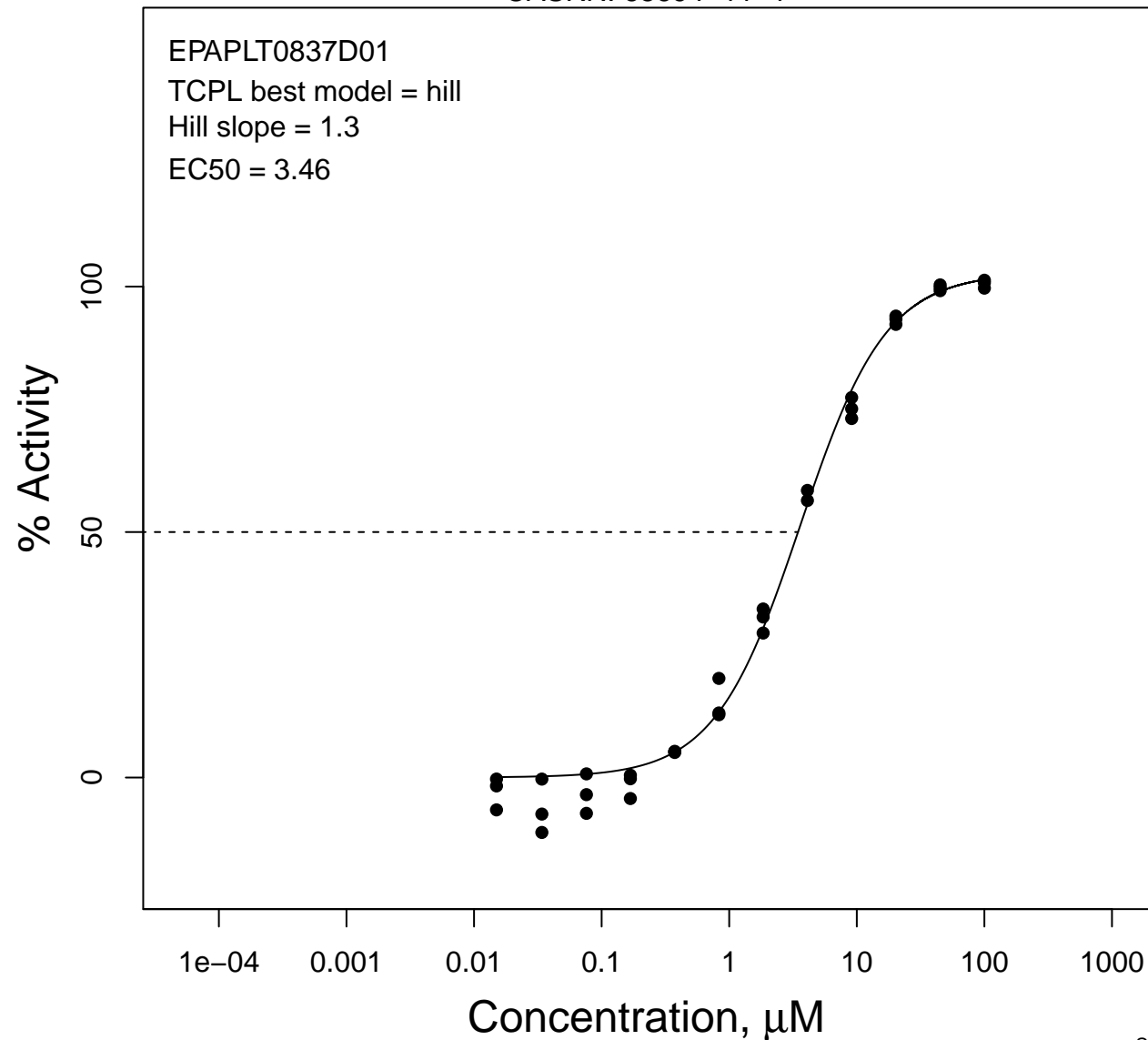
CASRN: 68694-11-1

EPAPLT0837D01

TCPL best model = hill

Hill slope = 1.3

EC50 = 3.46



Bromoxynil

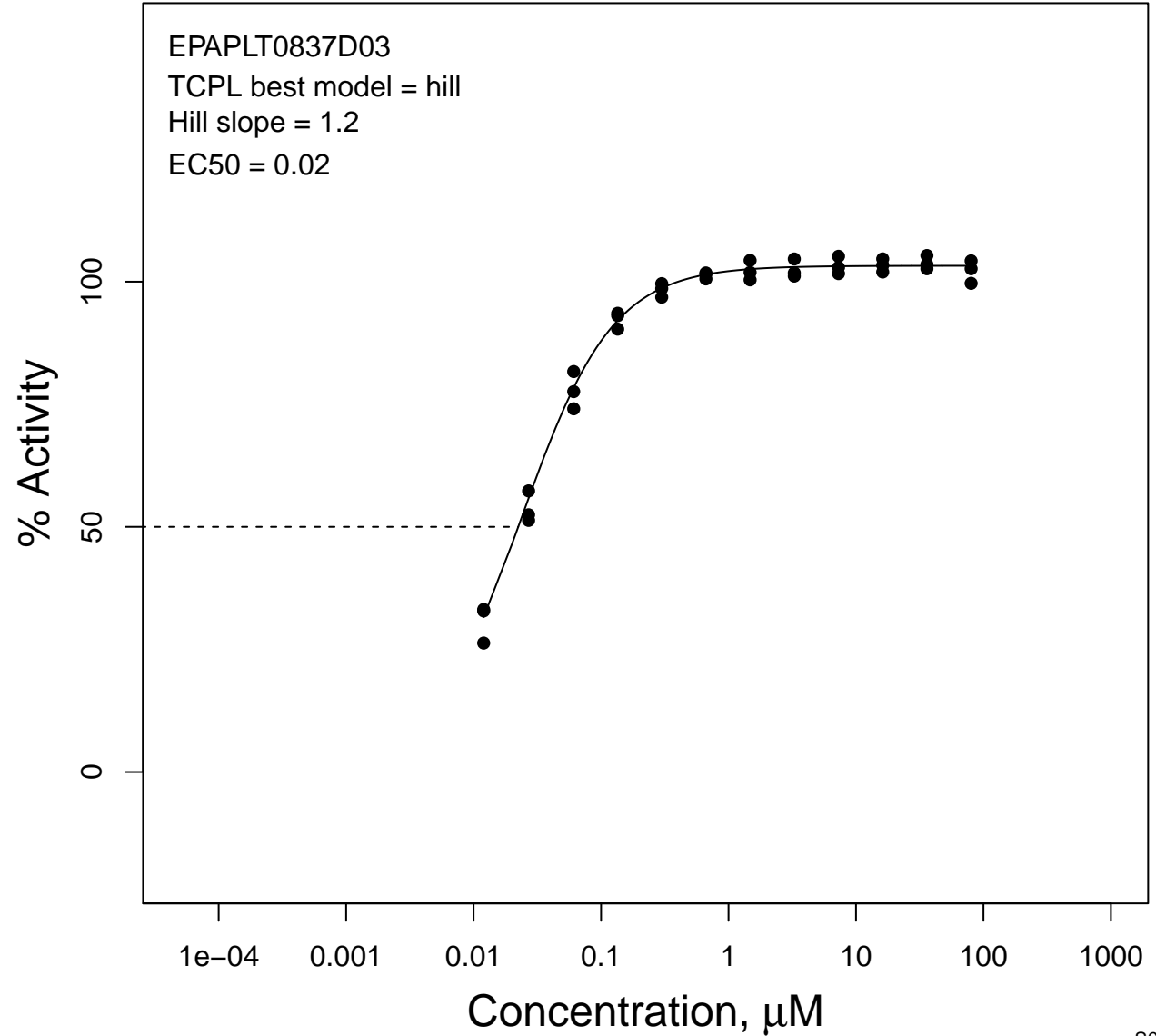
CASRN: 1689-84-5

EPAPLT0837D03

TCPL best model = hill

Hill slope = 1.2

EC50 = 0.02



Chlorthal-dimethyl

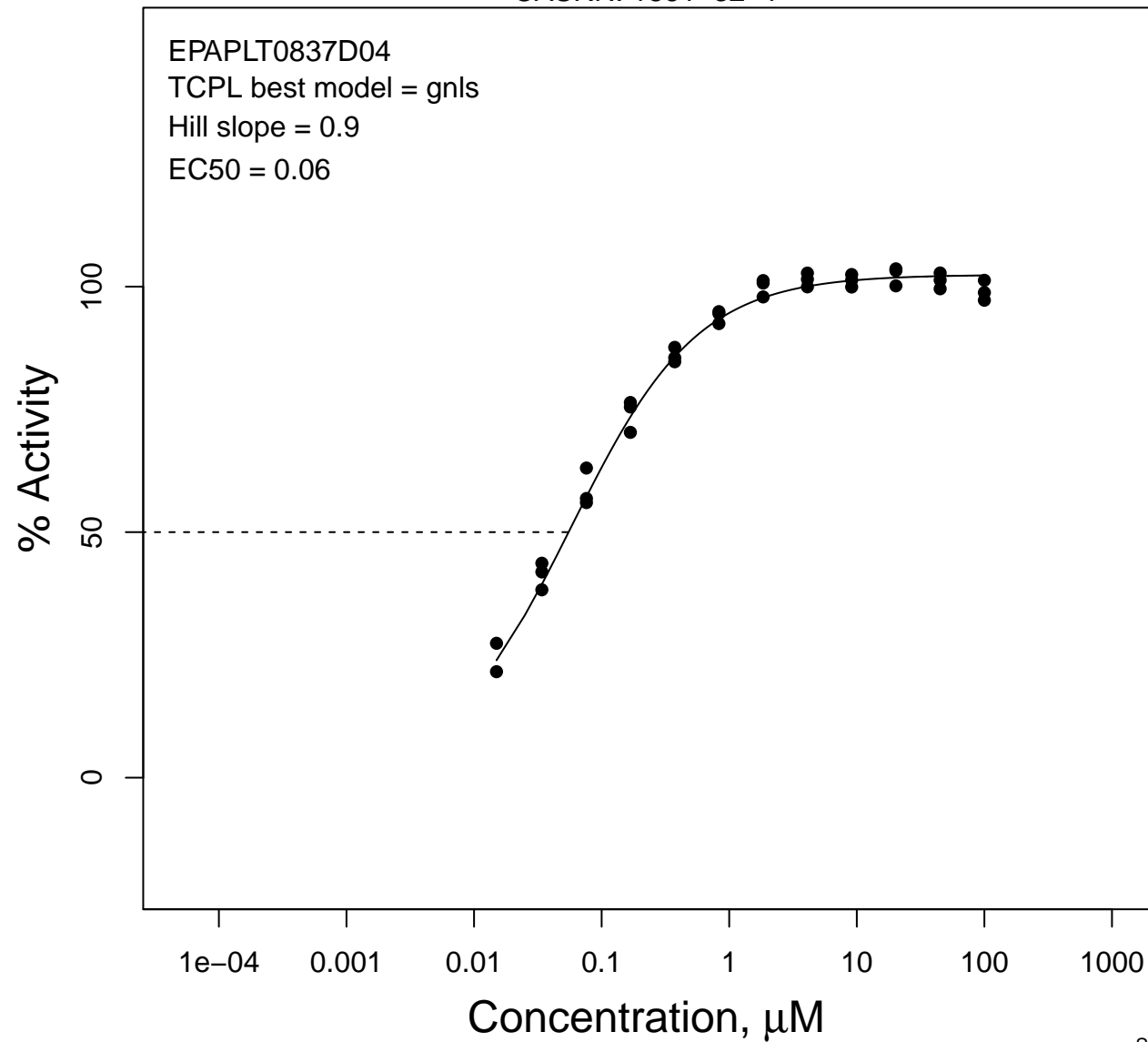
CASRN: 1861-32-1

EPAPLT0837D04

TCPL best model = gnls

Hill slope = 0.9

EC50 = 0.06



C.I. Acid Orange 7

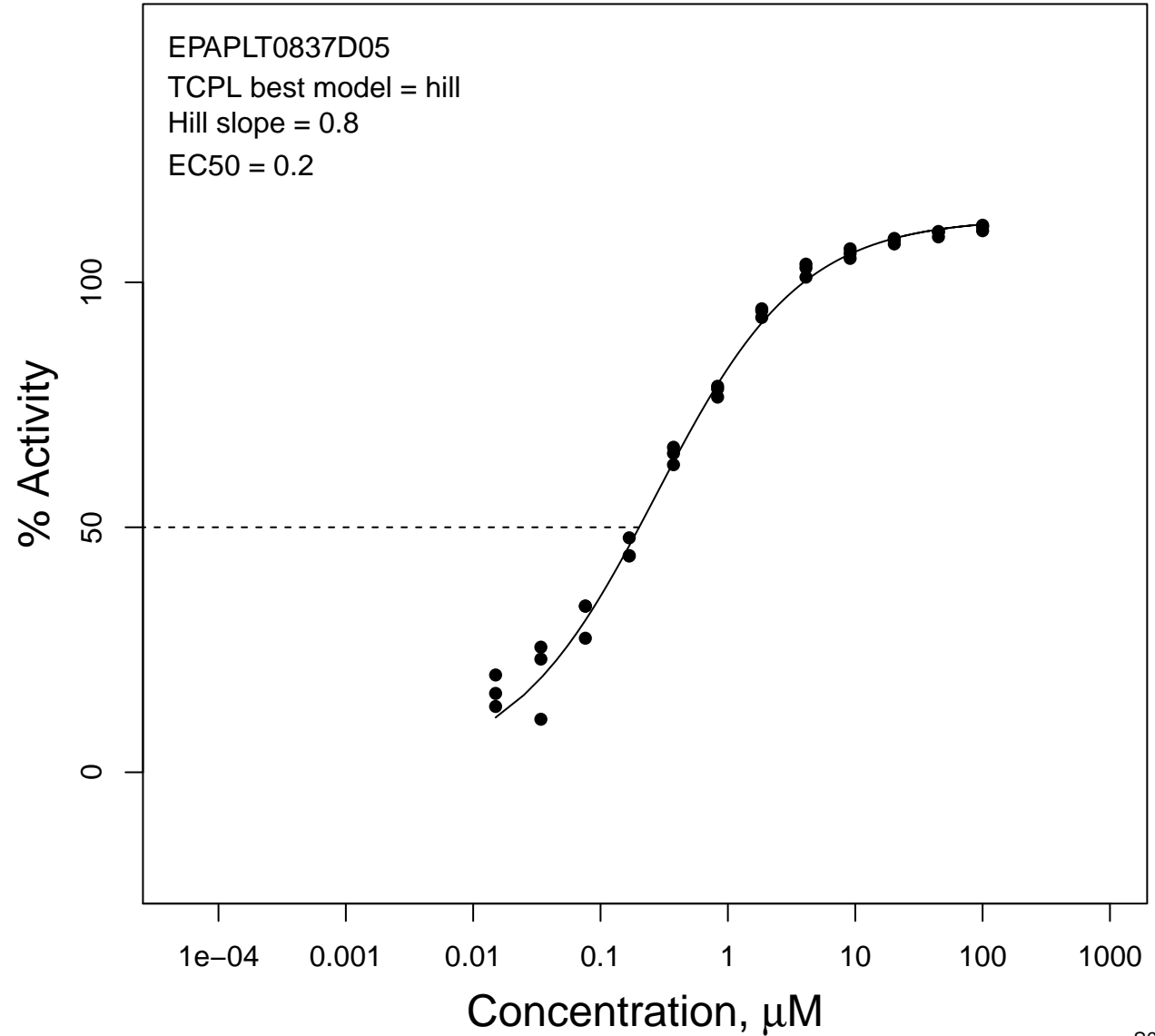
CASRN: 633-96-5

EPAPLT0837D05

TCPL best model = hill

Hill slope = 0.8

EC50 = 0.2



Perfluoroundecanoic acid

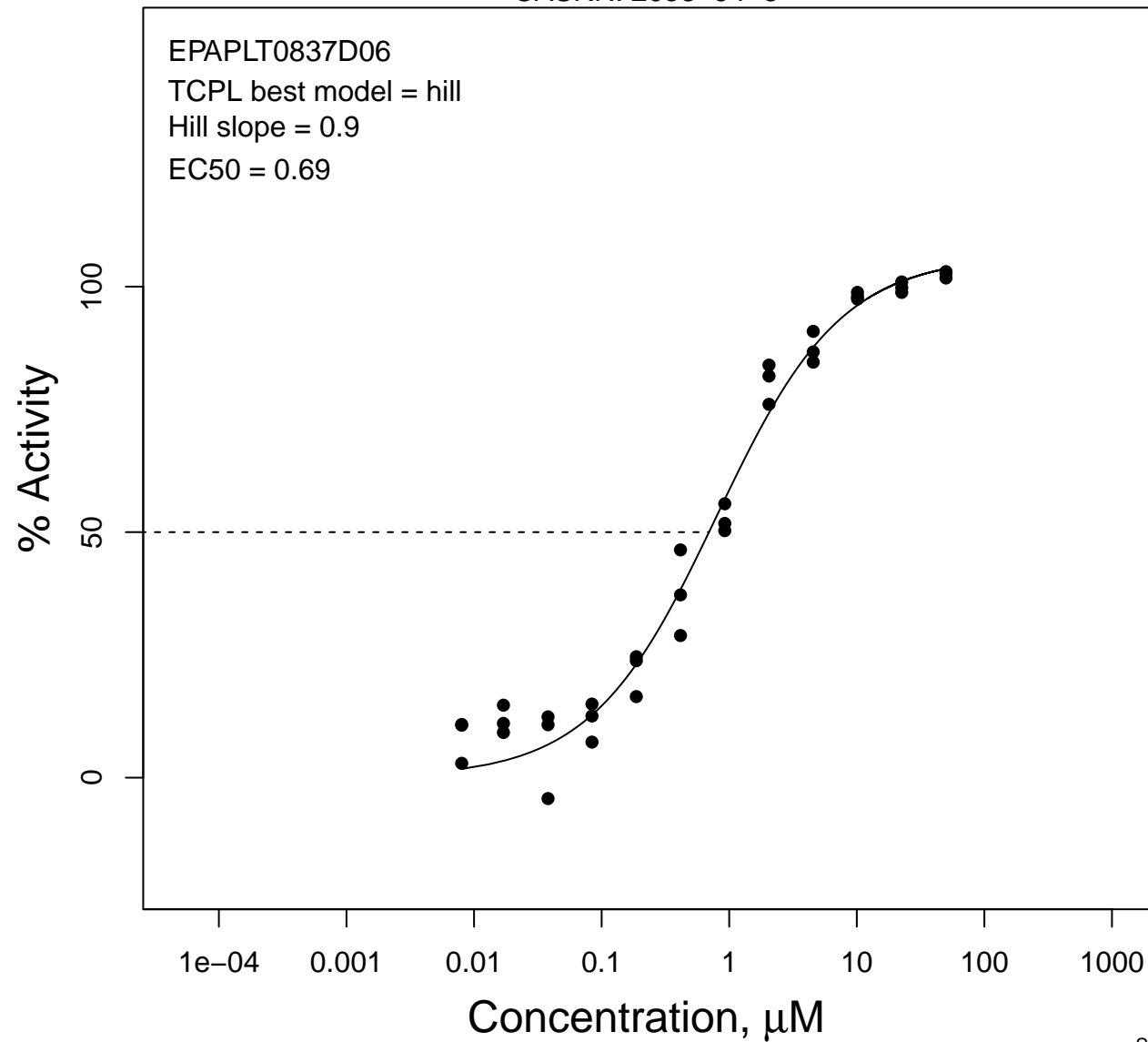
CASRN: 2058-94-8

EPAPLT0837D06

TCPL best model = hill

Hill slope = 0.9

EC50 = 0.69



Benzyl benzoate

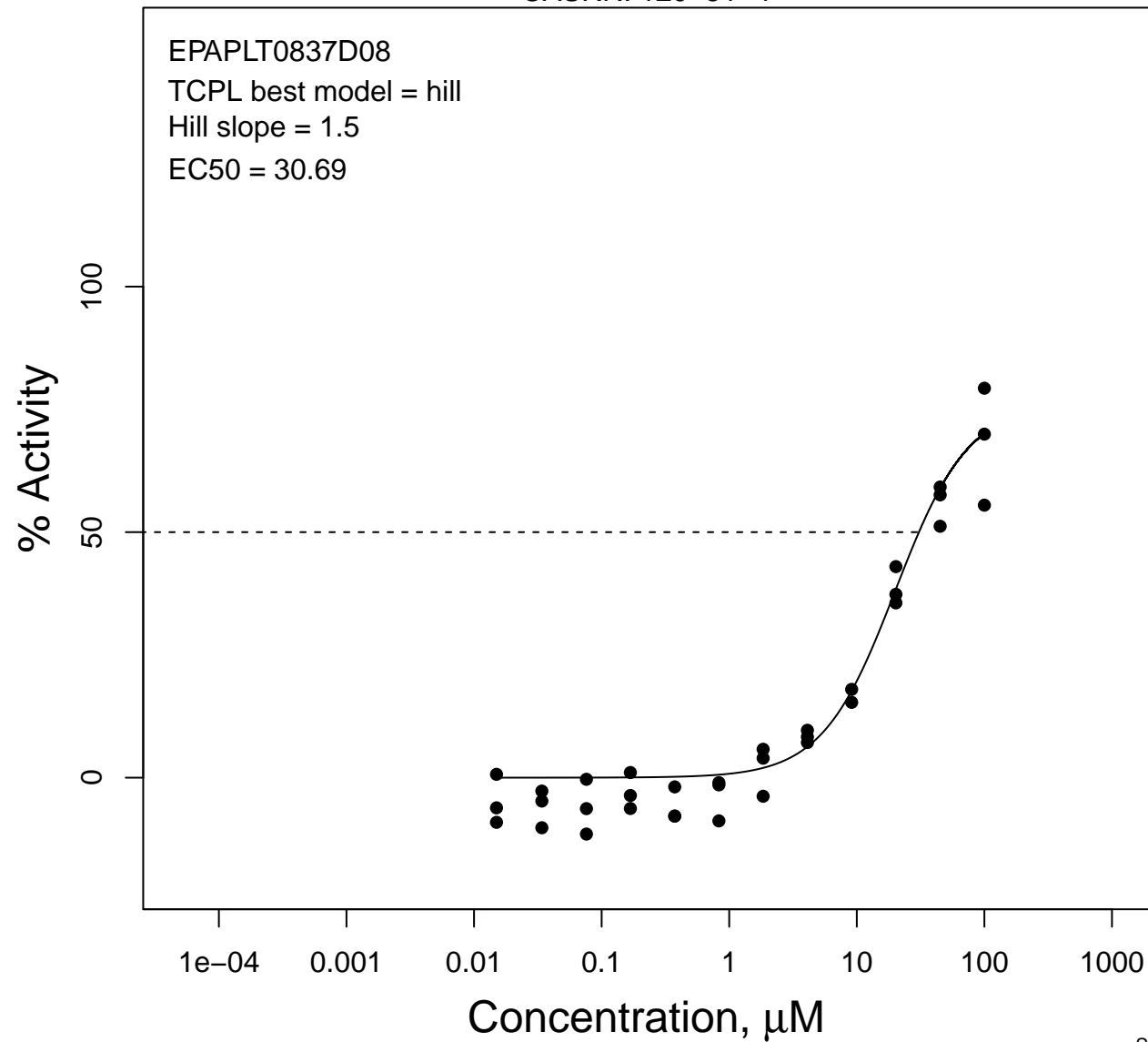
CASRN: 120-51-4

EPAPLT0837D08

TCPL best model = hill

Hill slope = 1.5

EC50 = 30.69



Chloramine-T trihydrate

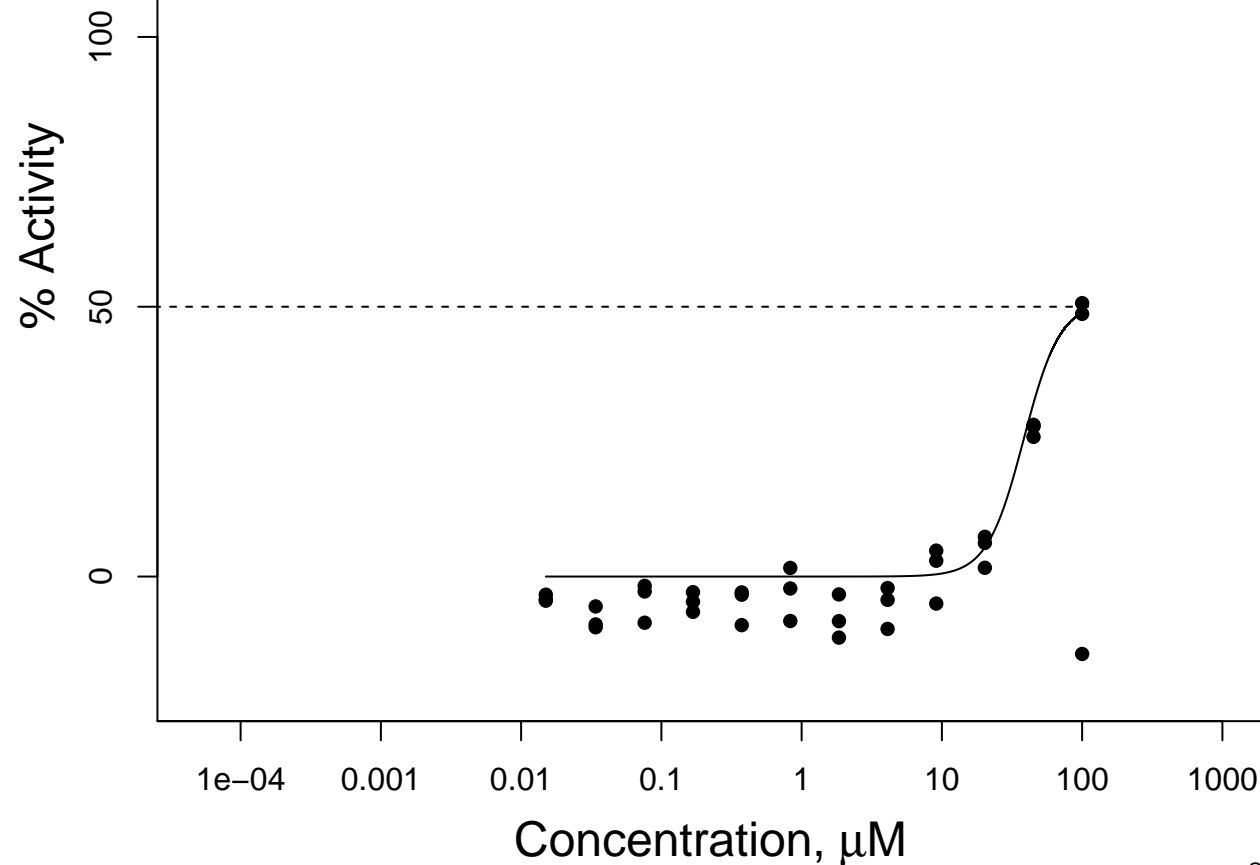
CASRN: 7080-50-4

EPAPLT0837D09

TCPL best model = hill

Hill slope = 3.3

EC50 = 129.26



Eugenol

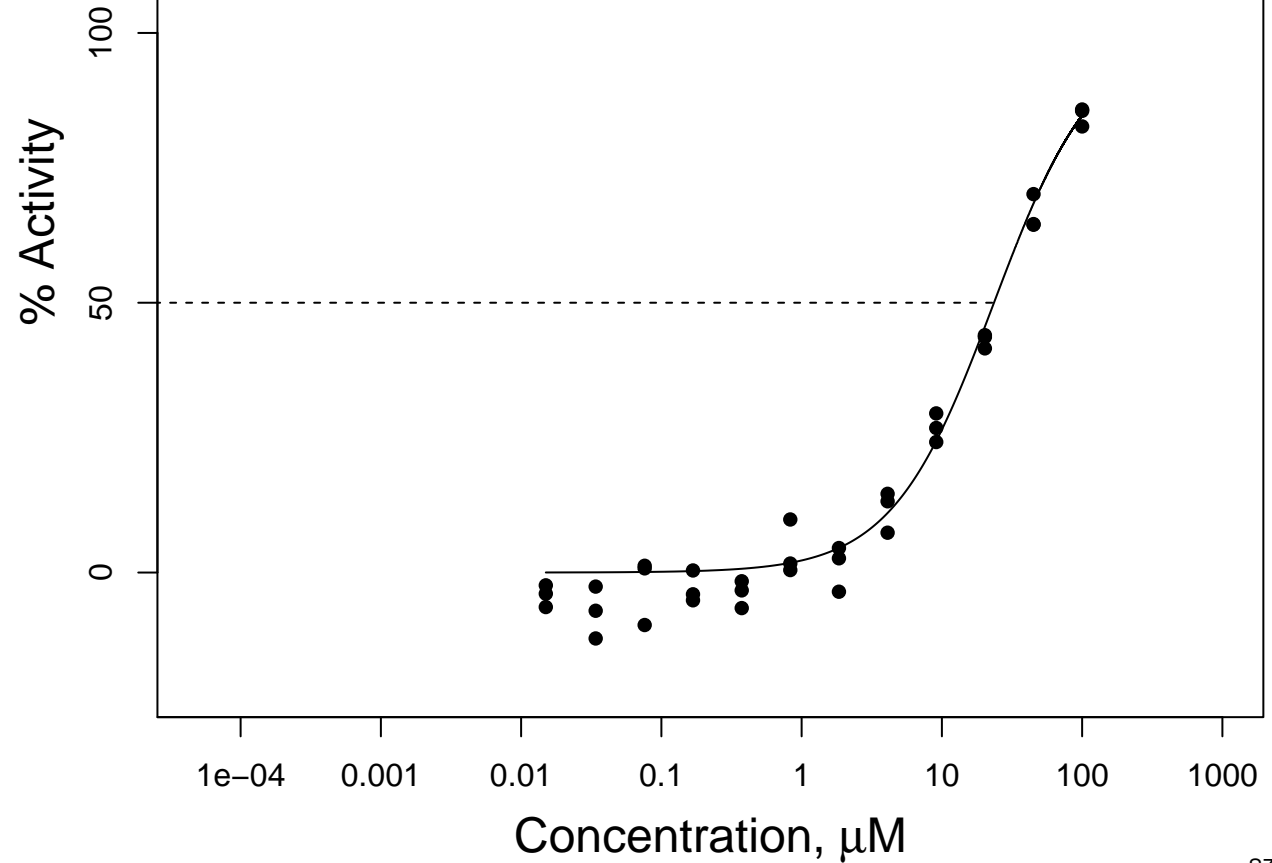
CASRN: 97-53-0

EPAPLT0837E01

TCPL best model = hill

Hill slope = 1.2

EC50 = 23.52



PharmaGSID_48514

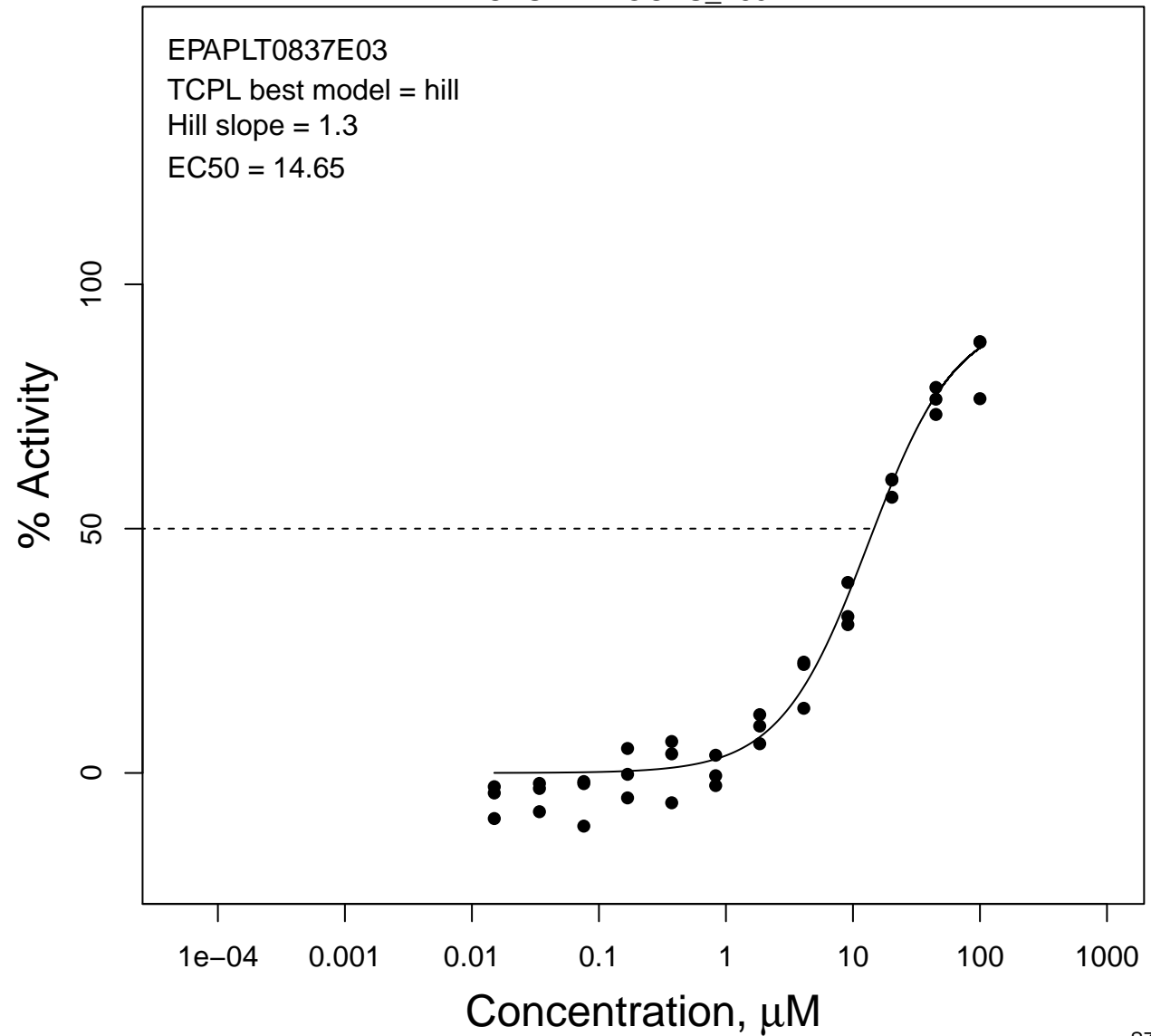
CASRN: NOCAS_48514

EPAPLT0837E03

TCPL best model = hill

Hill slope = 1.3

EC50 = 14.65



2,2',6,6'-Tetrachlorobisphenol A

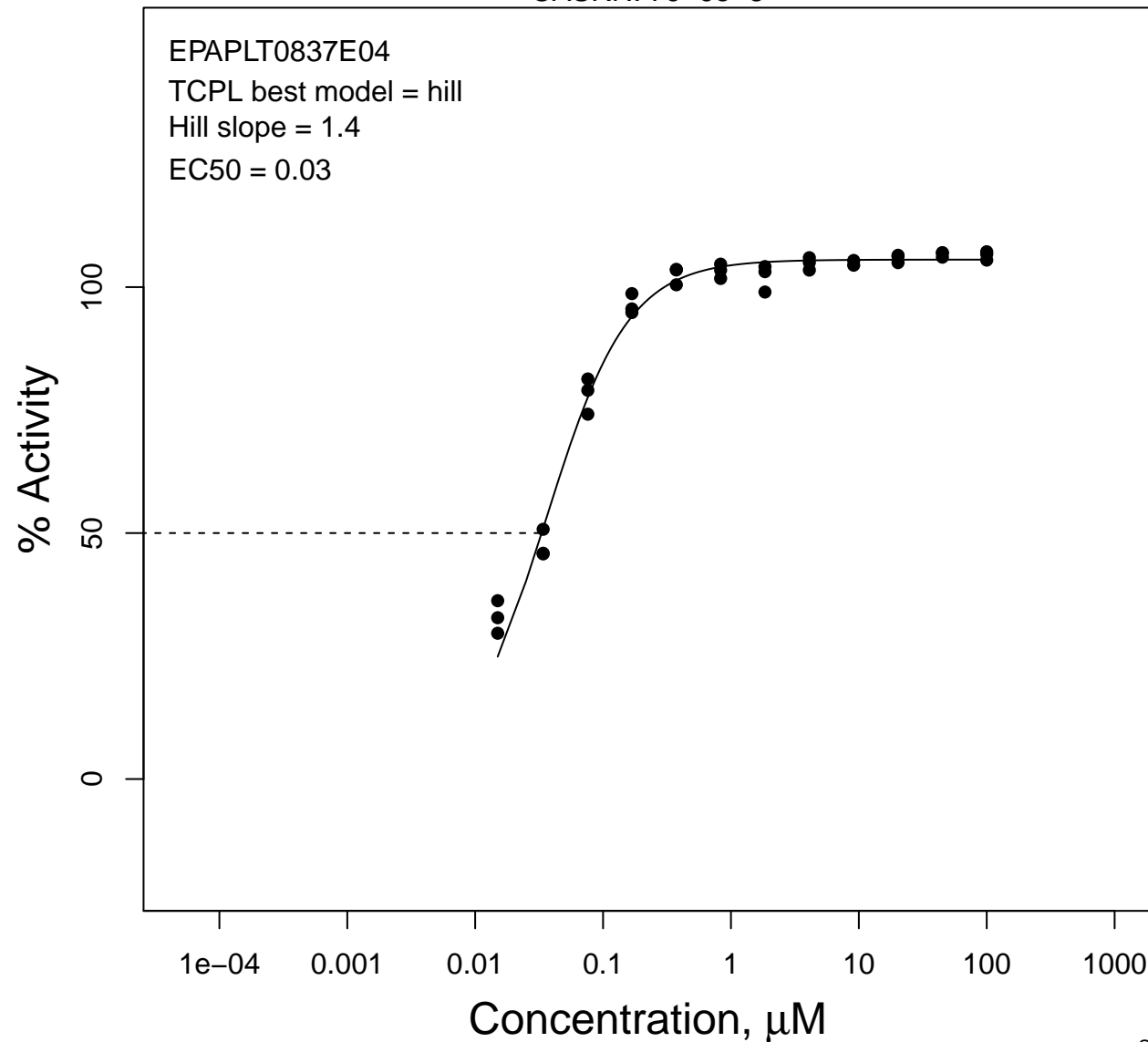
CASRN: 79-95-8

EPAPLT0837E04

TCPL best model = hill

Hill slope = 1.4

EC50 = 0.03



1-Chloro-2,4-dinitrobenzene

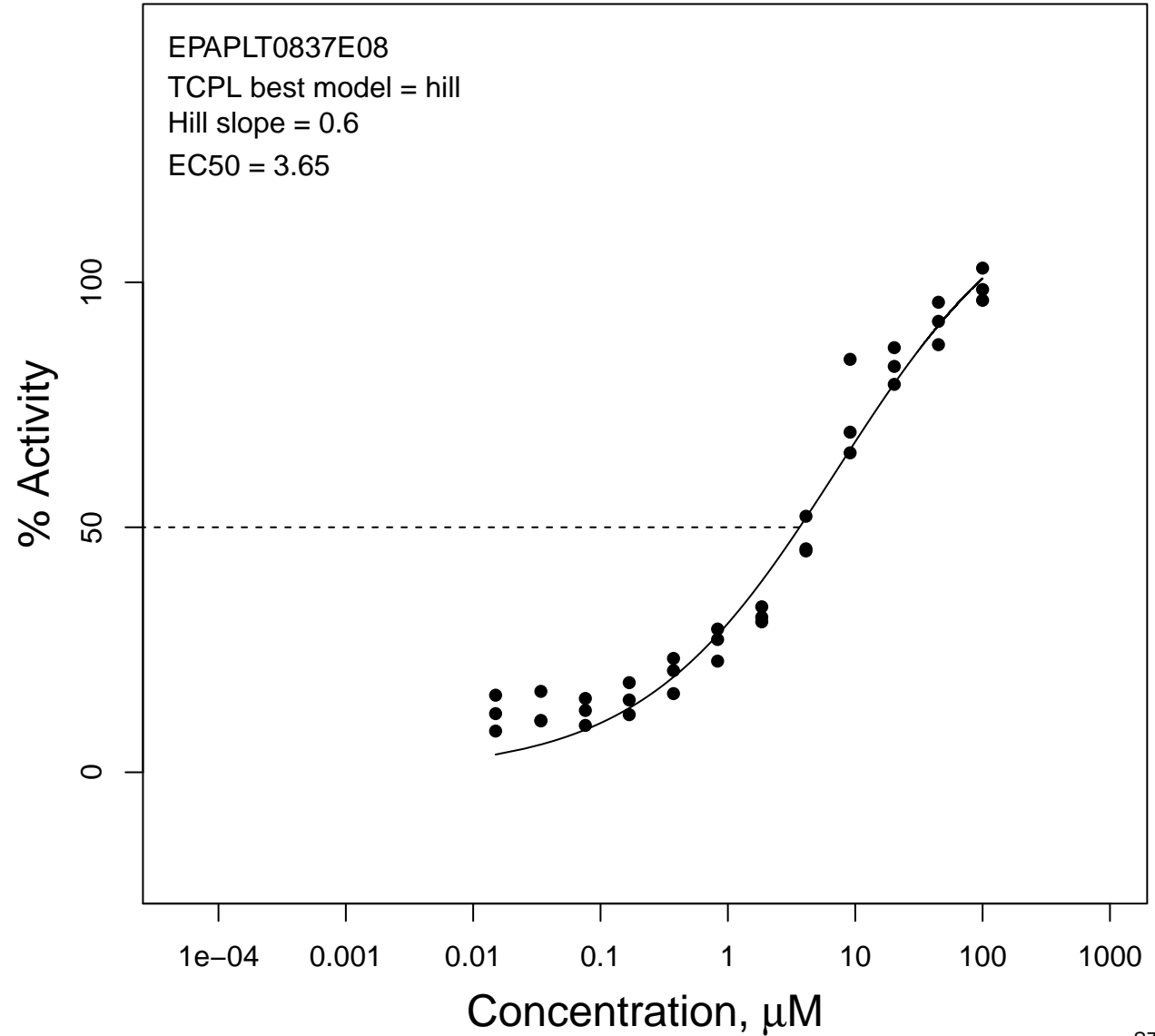
CASRN: 97-00-7

EPAPLT0837E08

TCPL best model = hill

Hill slope = 0.6

EC50 = 3.65



Sodium myristyl sulfate

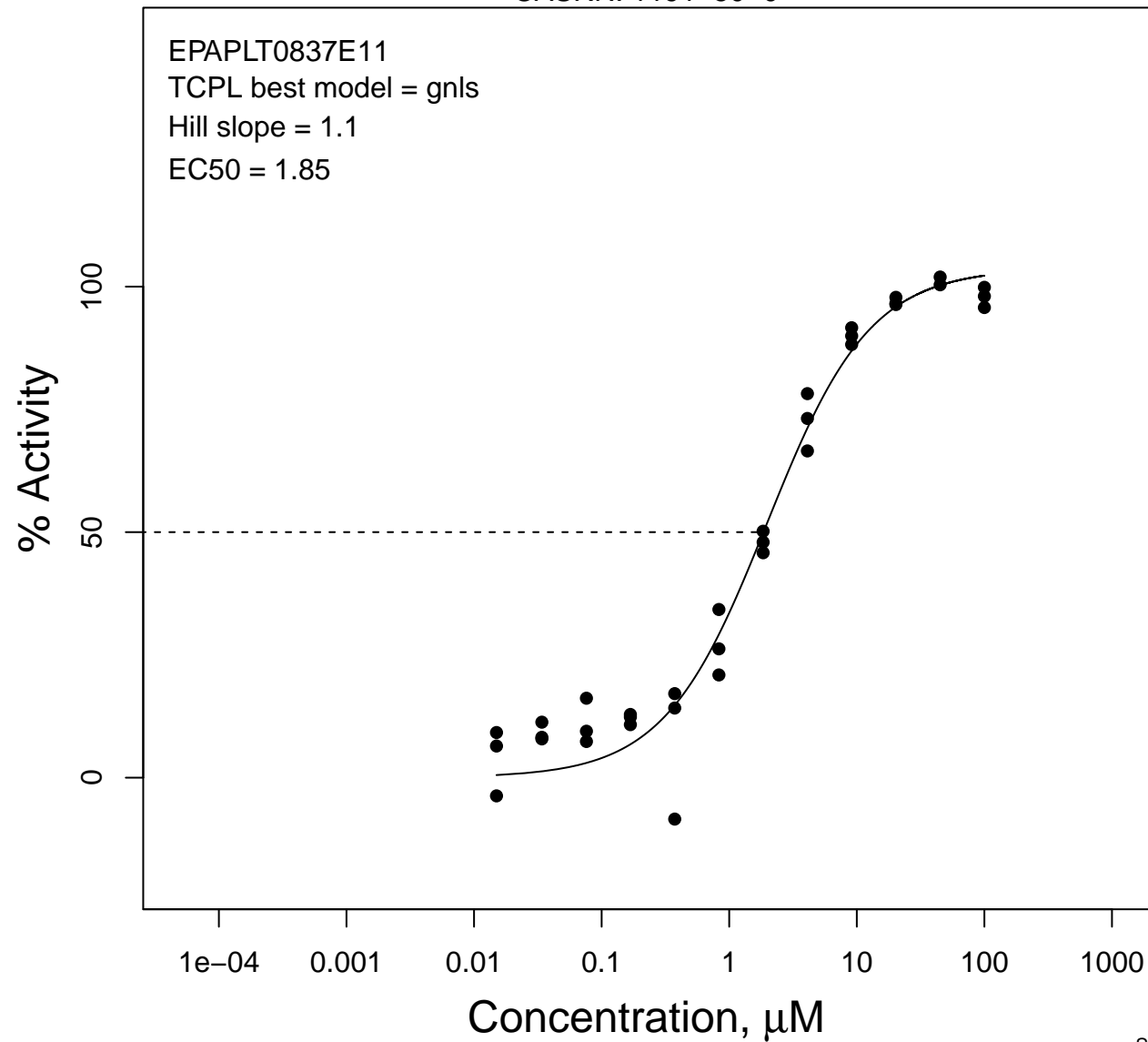
CASRN: 1191-50-0

EPAPLT0837E11

TCPL best model = gnls

Hill slope = 1.1

EC50 = 1.85



Glyceryl monoricinoleate

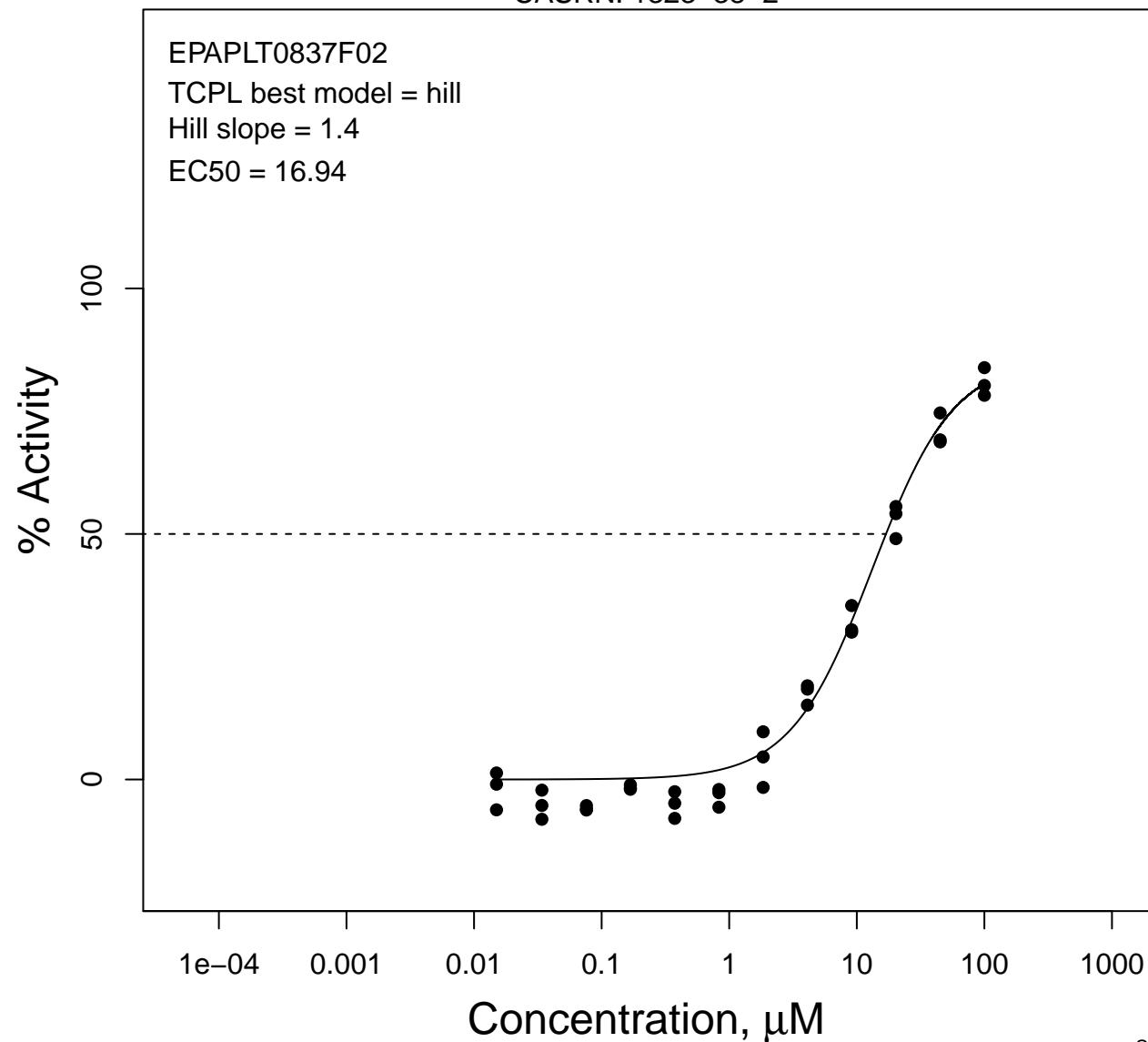
CASRN: 1323-38-2

EPAPLT0837F02

TCPL best model = hill

Hill slope = 1.4

EC50 = 16.94



10–Undecenoic acid

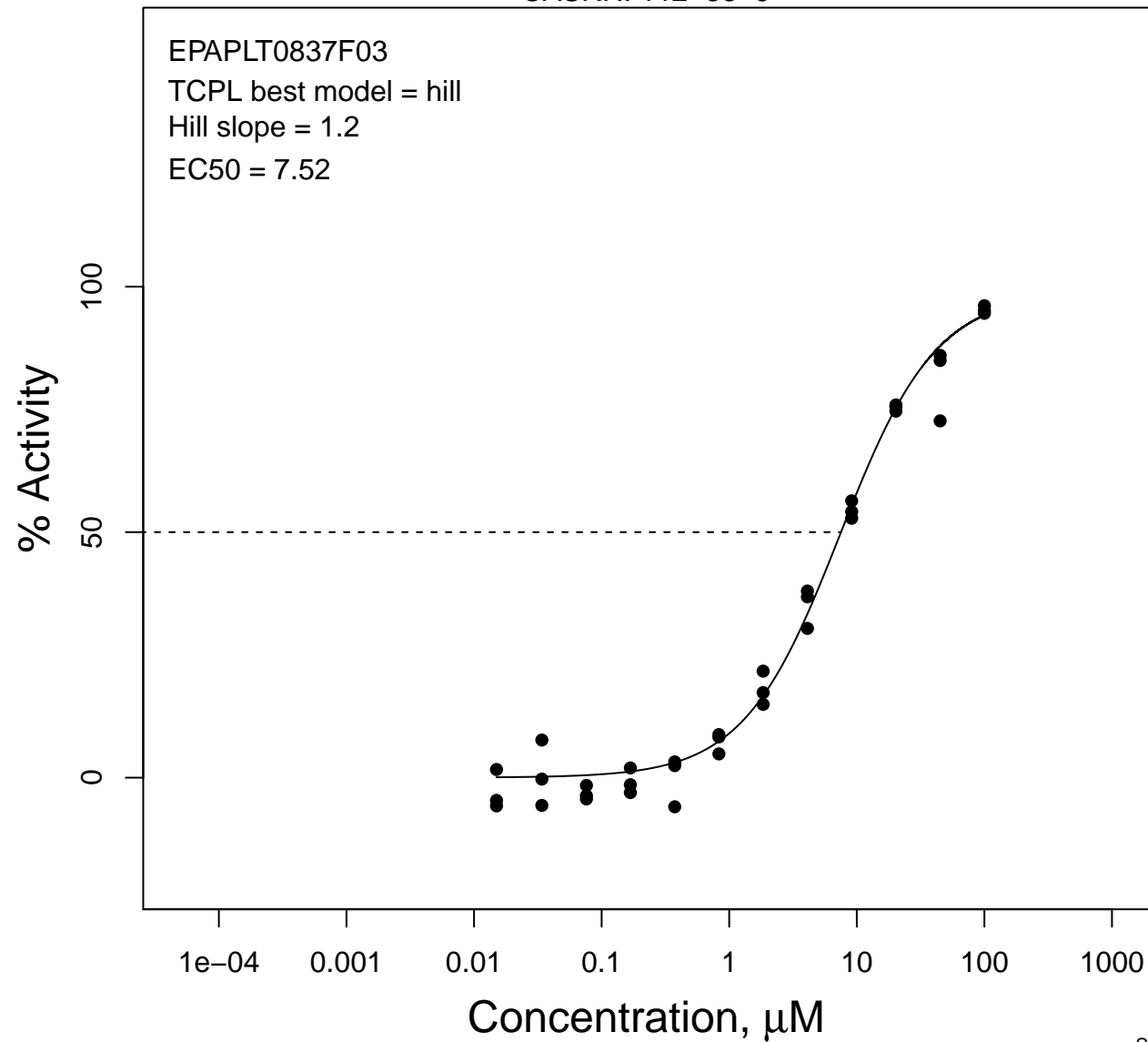
CASRN: 112–38–9

EPAPLT0837F03

TCPL best model = hill

Hill slope = 1.2

EC50 = 7.52



Perfluorodecanoic acid

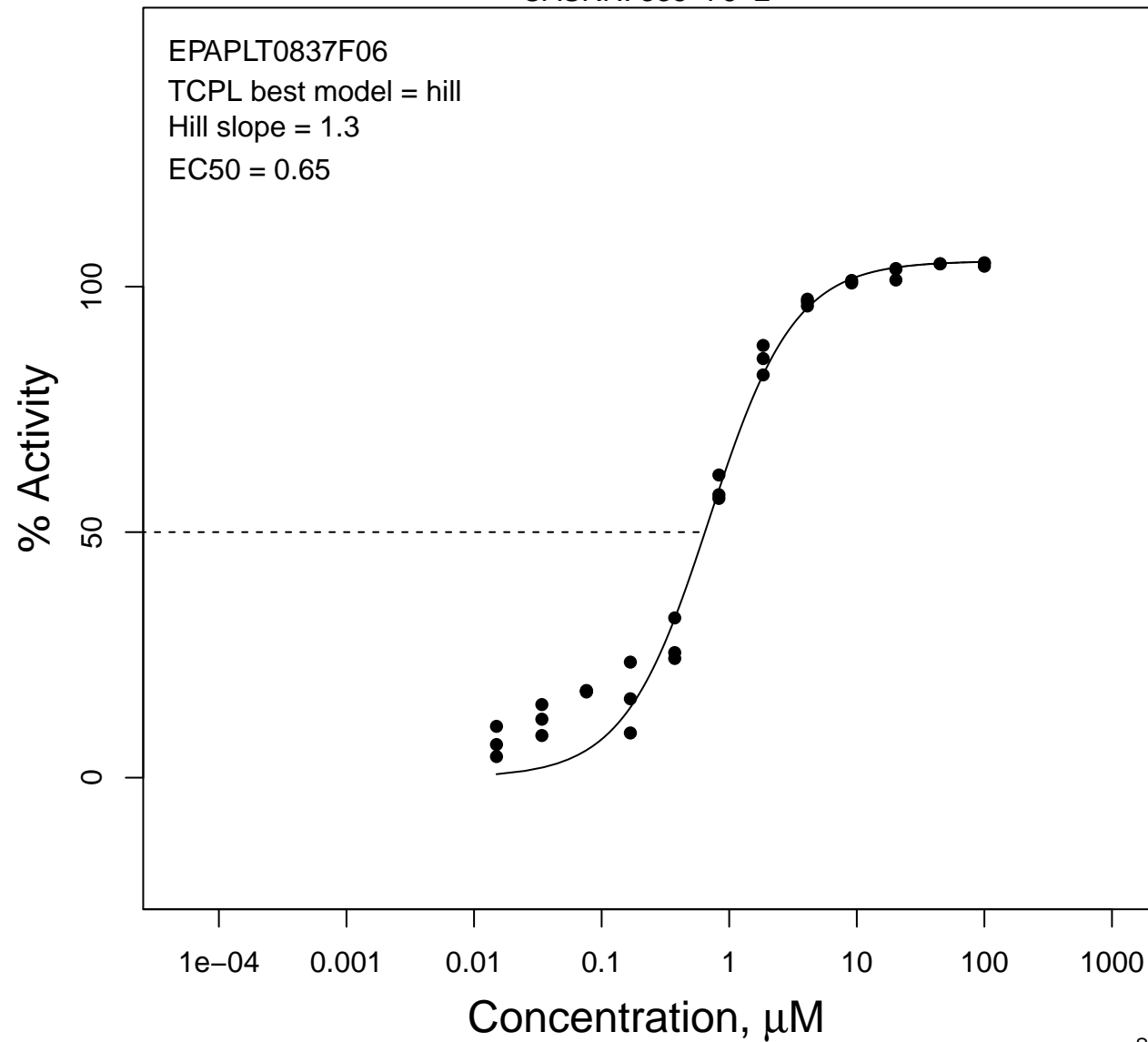
CASRN: 335-76-2

EPAPLT0837F06

TCPL best model = hill

Hill slope = 1.3

EC50 = 0.65



Phenolphthalin

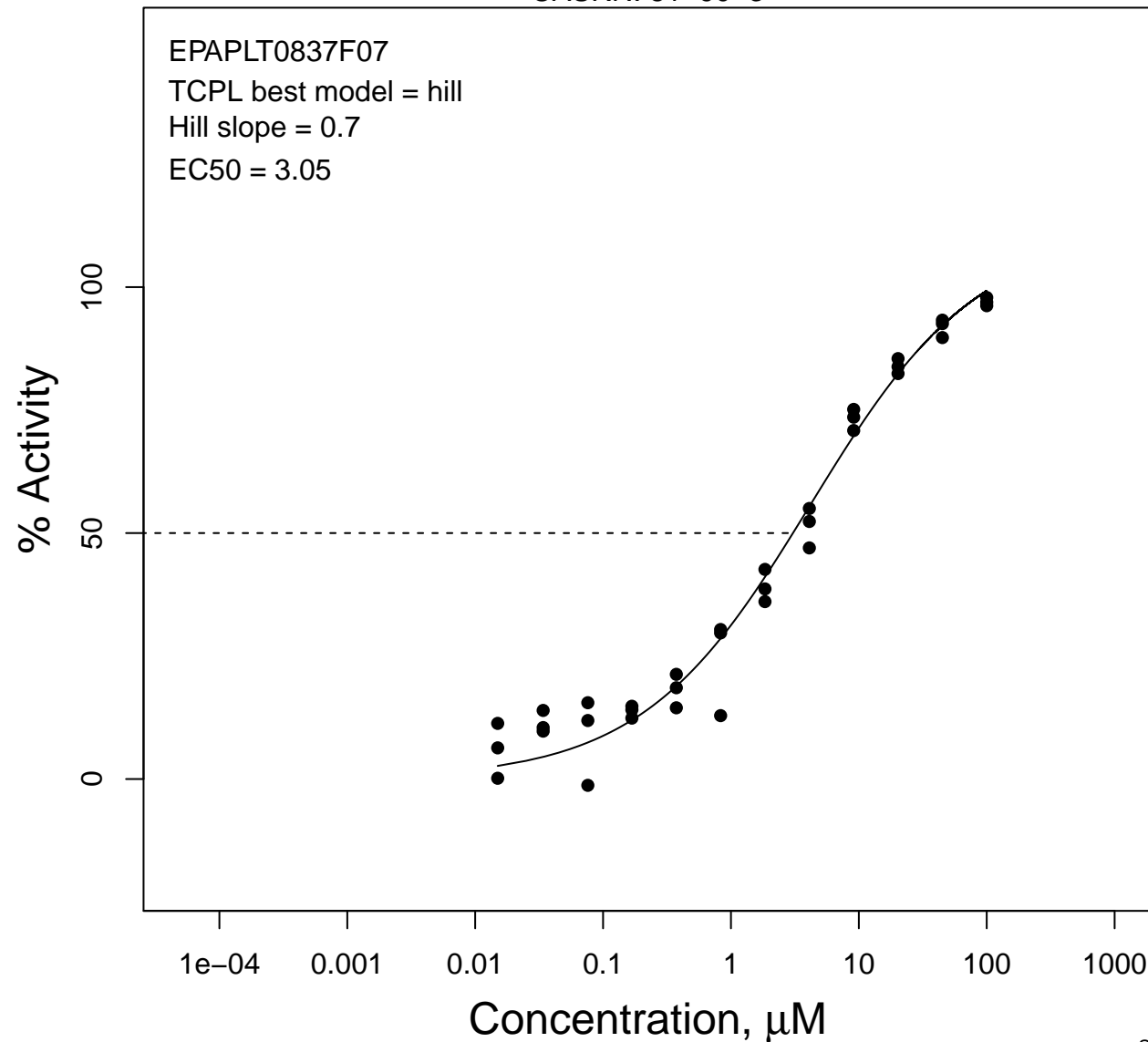
CASRN: 81-90-3

EPAPLT0837F07

TCPL best model = hill

Hill slope = 0.7

EC50 = 3.05



Isooctadecanoic acid

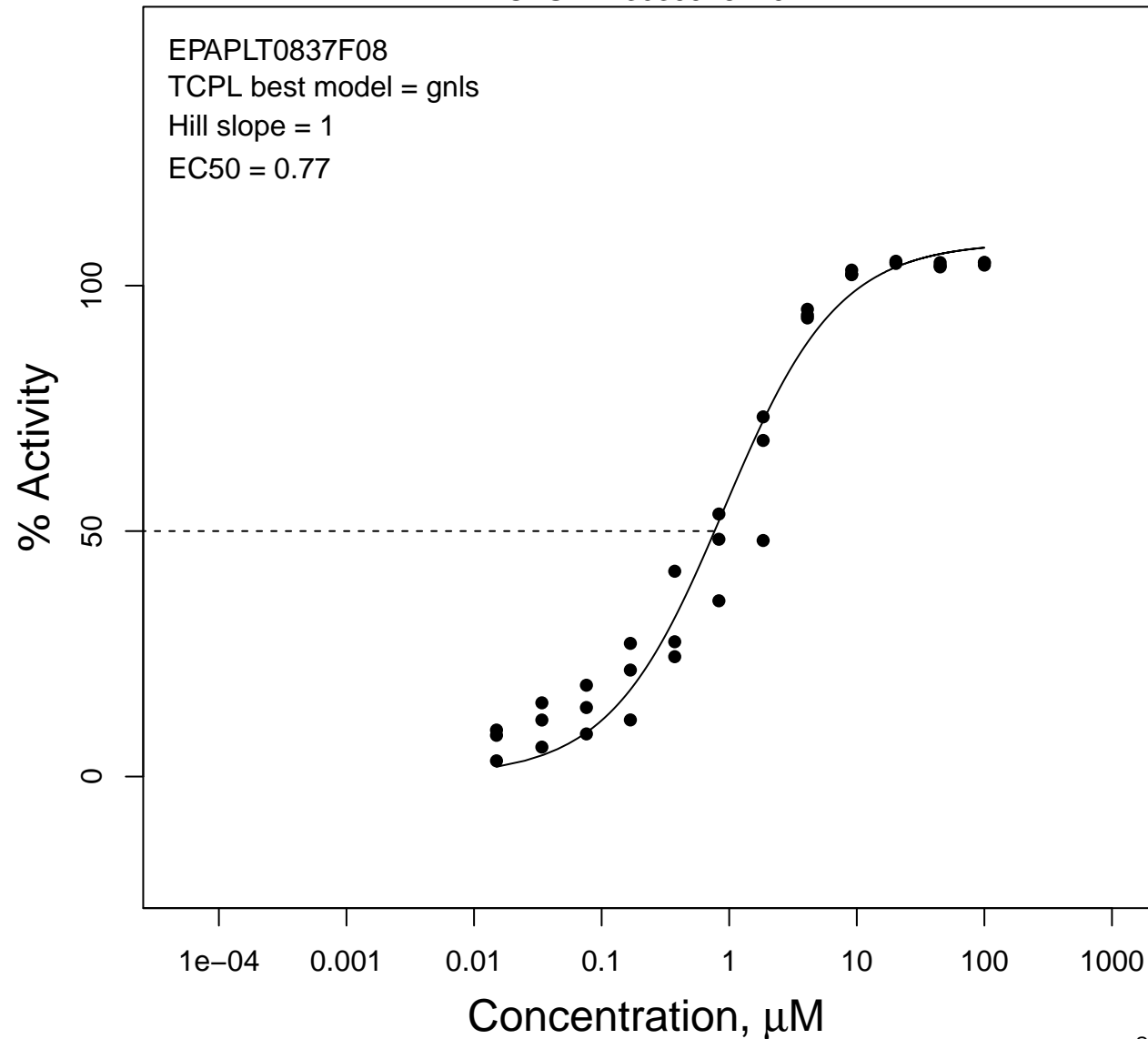
CASRN: 30399-84-9

EPAPLT0837F08

TCPL best model = gnls

Hill slope = 1

EC50 = 0.77



Sodium 4-octylbenzenesulfonate

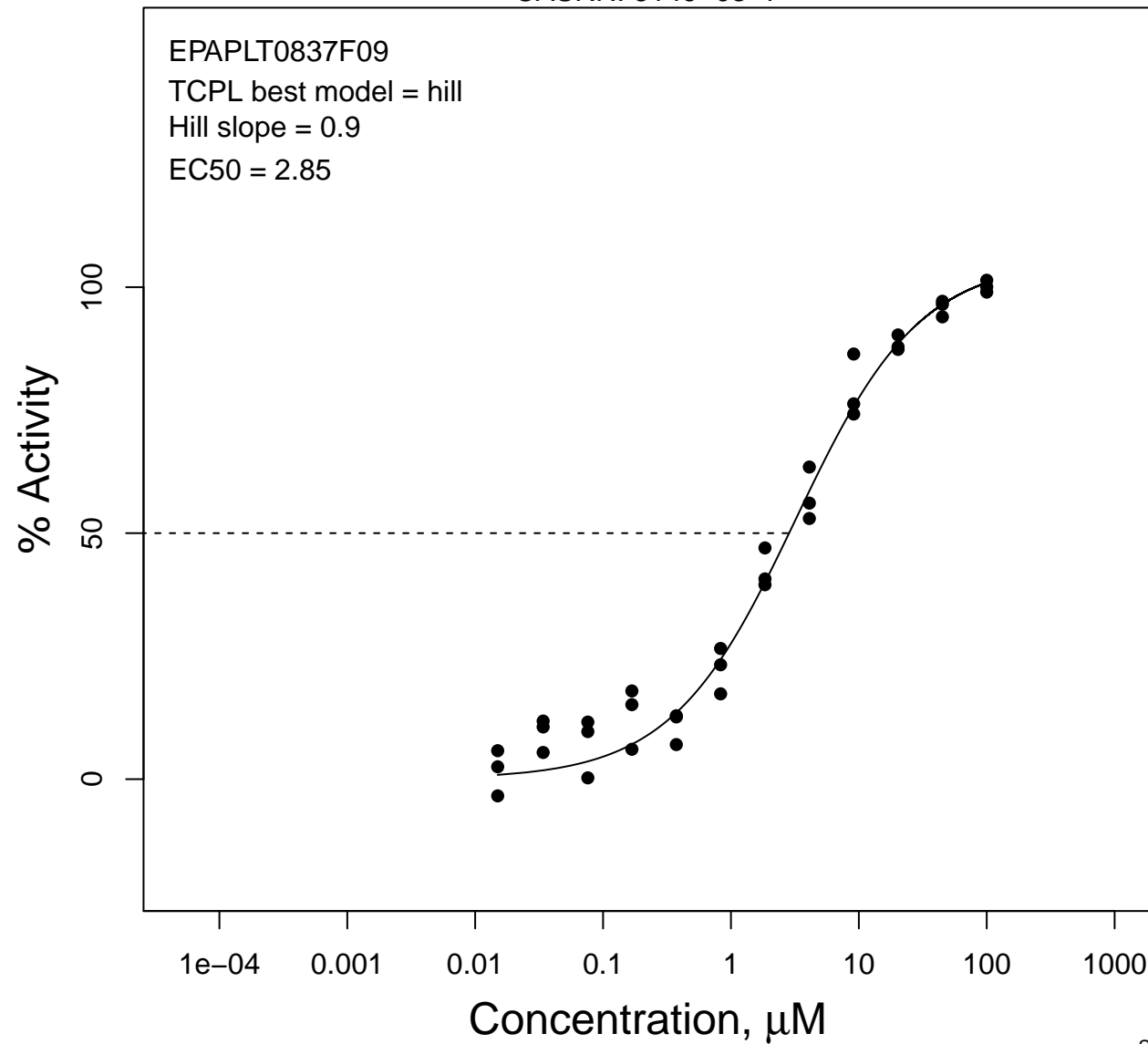
CASRN: 6149-03-7

EPAPLT0837F09

TCPL best model = hill

Hill slope = 0.9

EC50 = 2.85



2-(Butan-2-yl)phenol

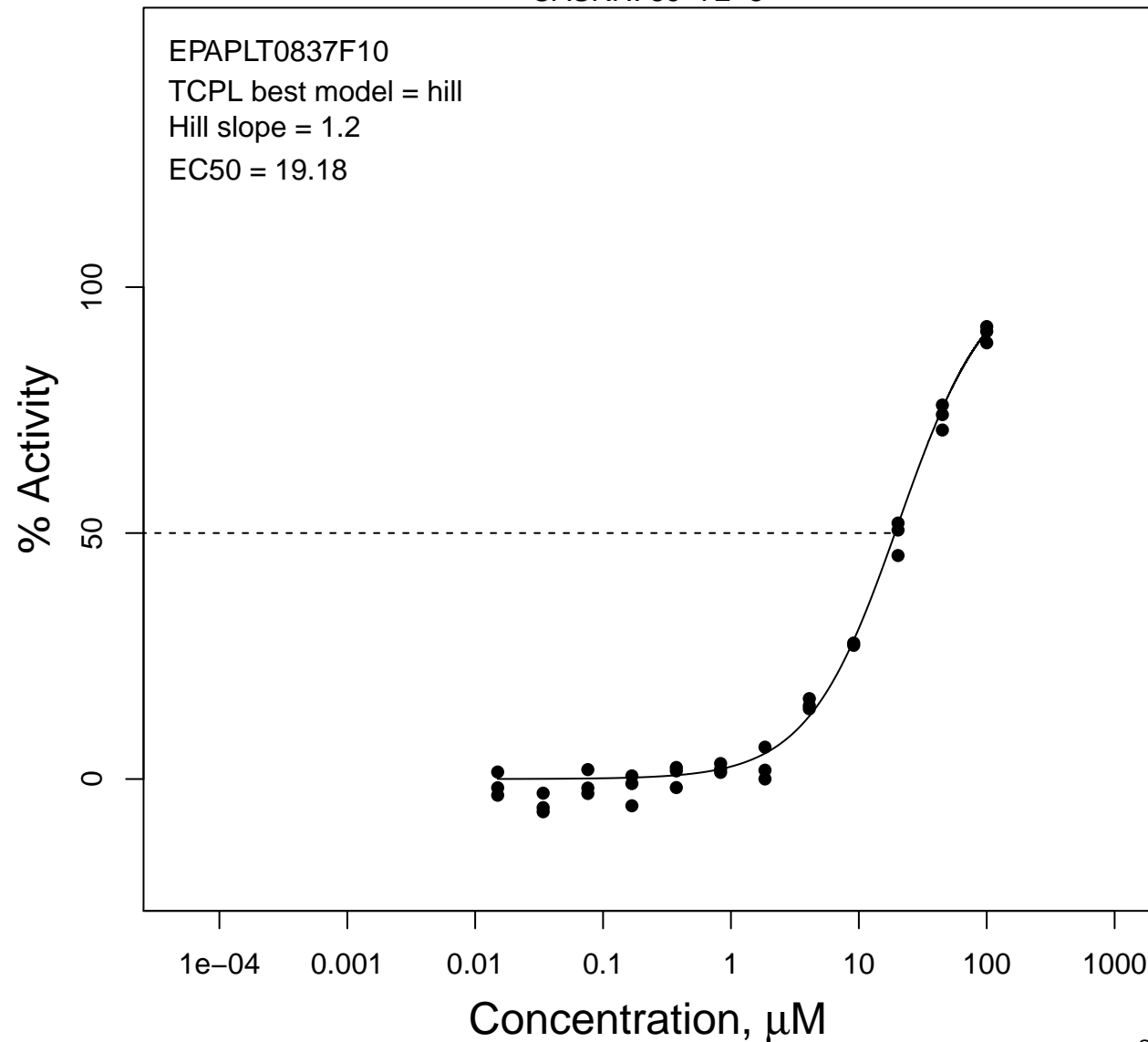
CASRN: 89-72-5

EPAPLT0837F10

TCPL best model = hill

Hill slope = 1.2

EC50 = 19.18



4-Hexyloxyaniline

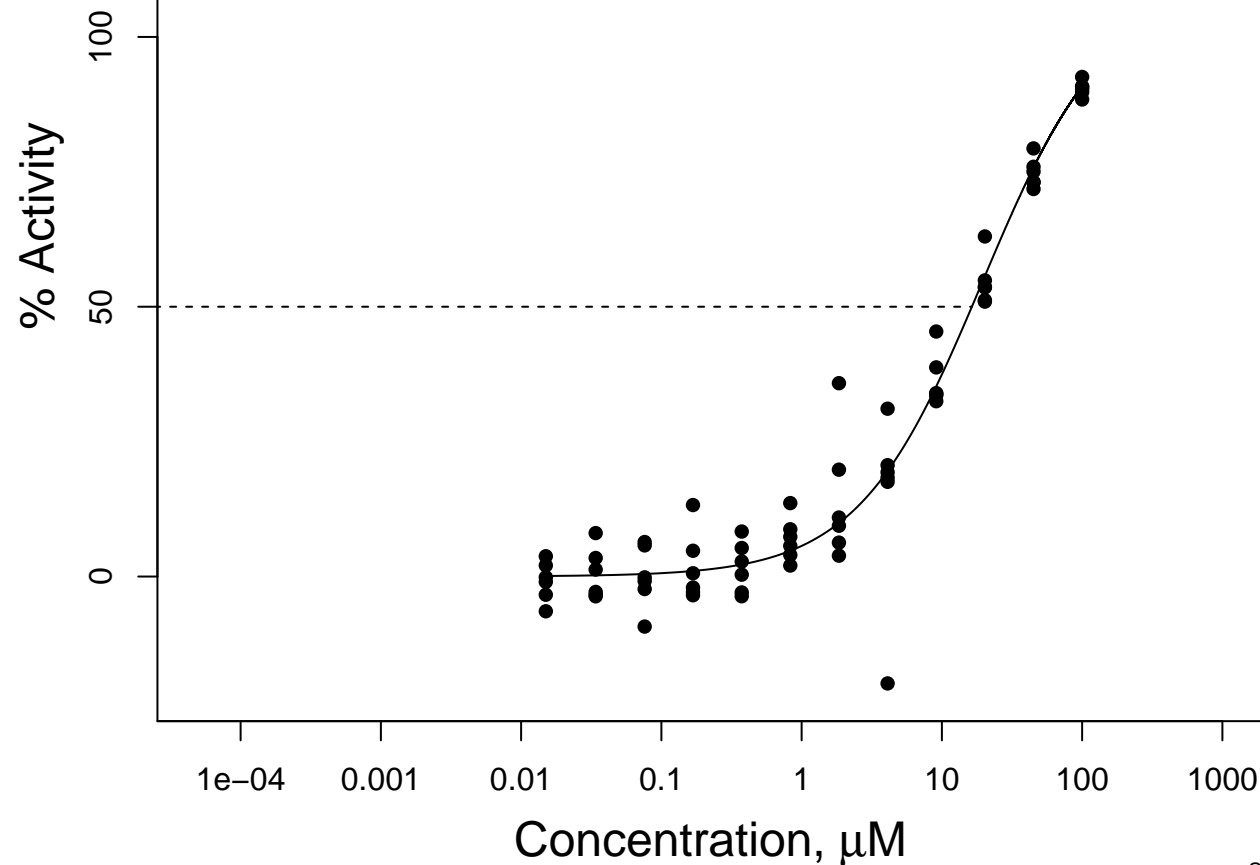
CASRN: 39905-57-2

EPAPLT0837F11

TCPL best model = hill

Hill slope = 1

EC50 = 16.36



Chloramben

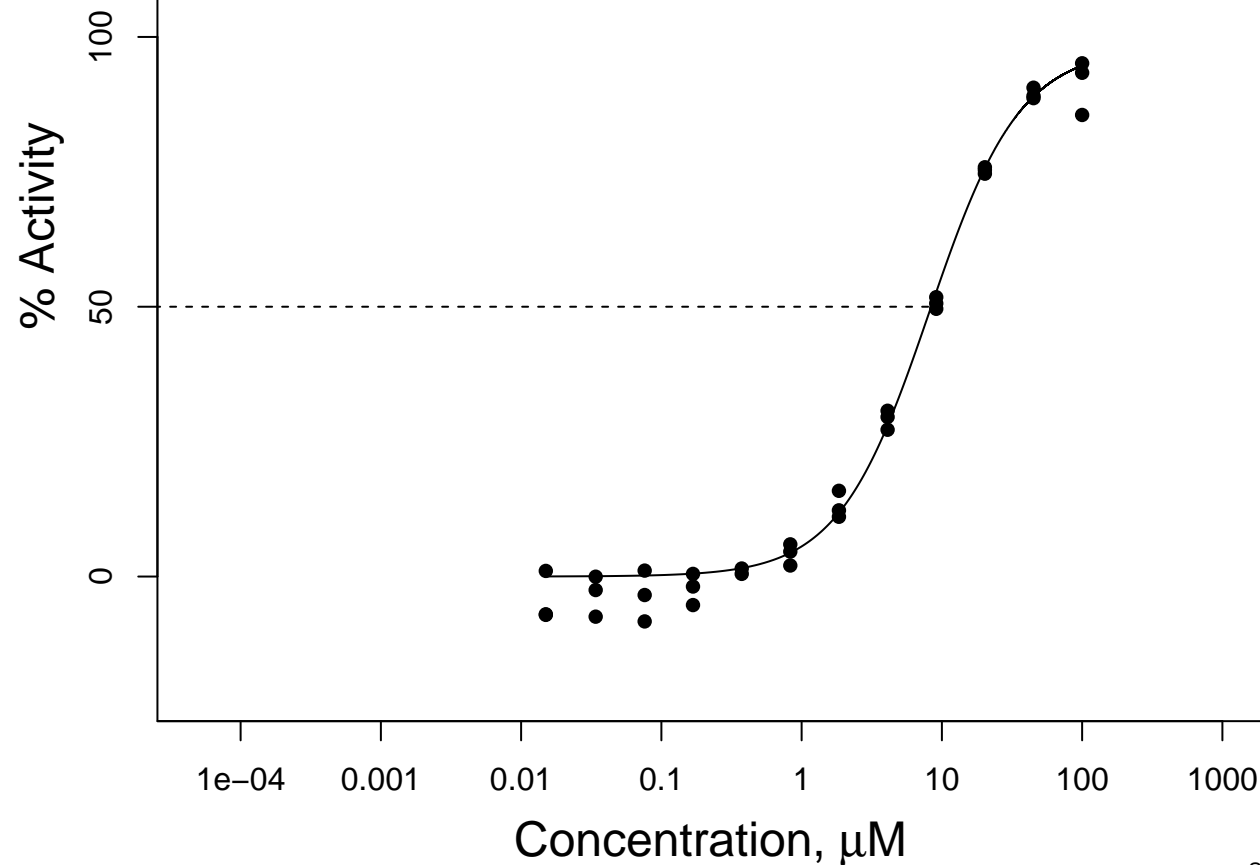
CASRN: 133-90-4

EPAPLT0837F12

TCPL best model = hill

Hill slope = 1.3

EC50 = 8.39



Tannic acid

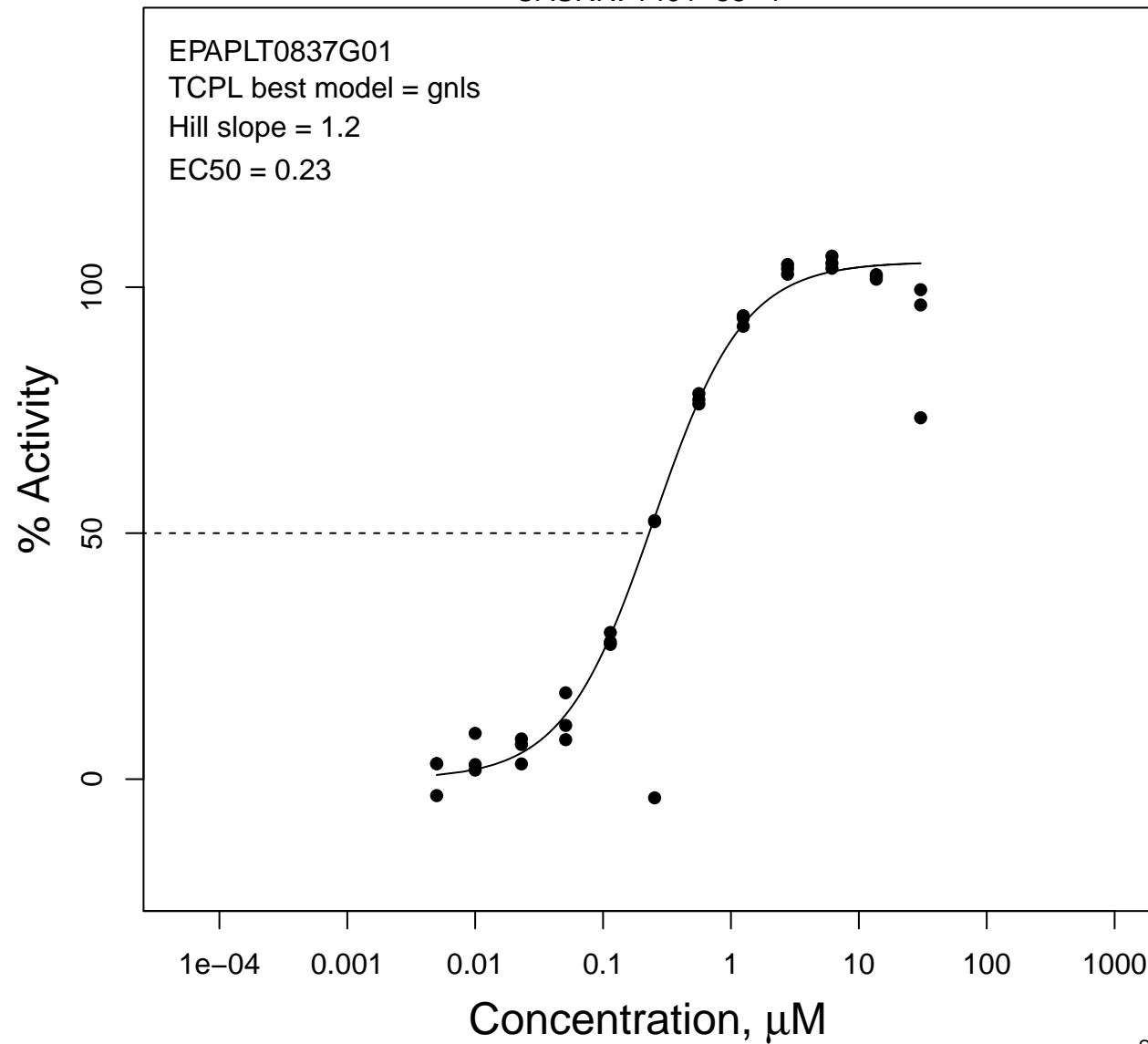
CASRN: 1401-55-4

EPAPLT0837G01

TCPL best model = gnls

Hill slope = 1.2

EC50 = 0.23



2-Bromo-4-hydroxyacetophenone

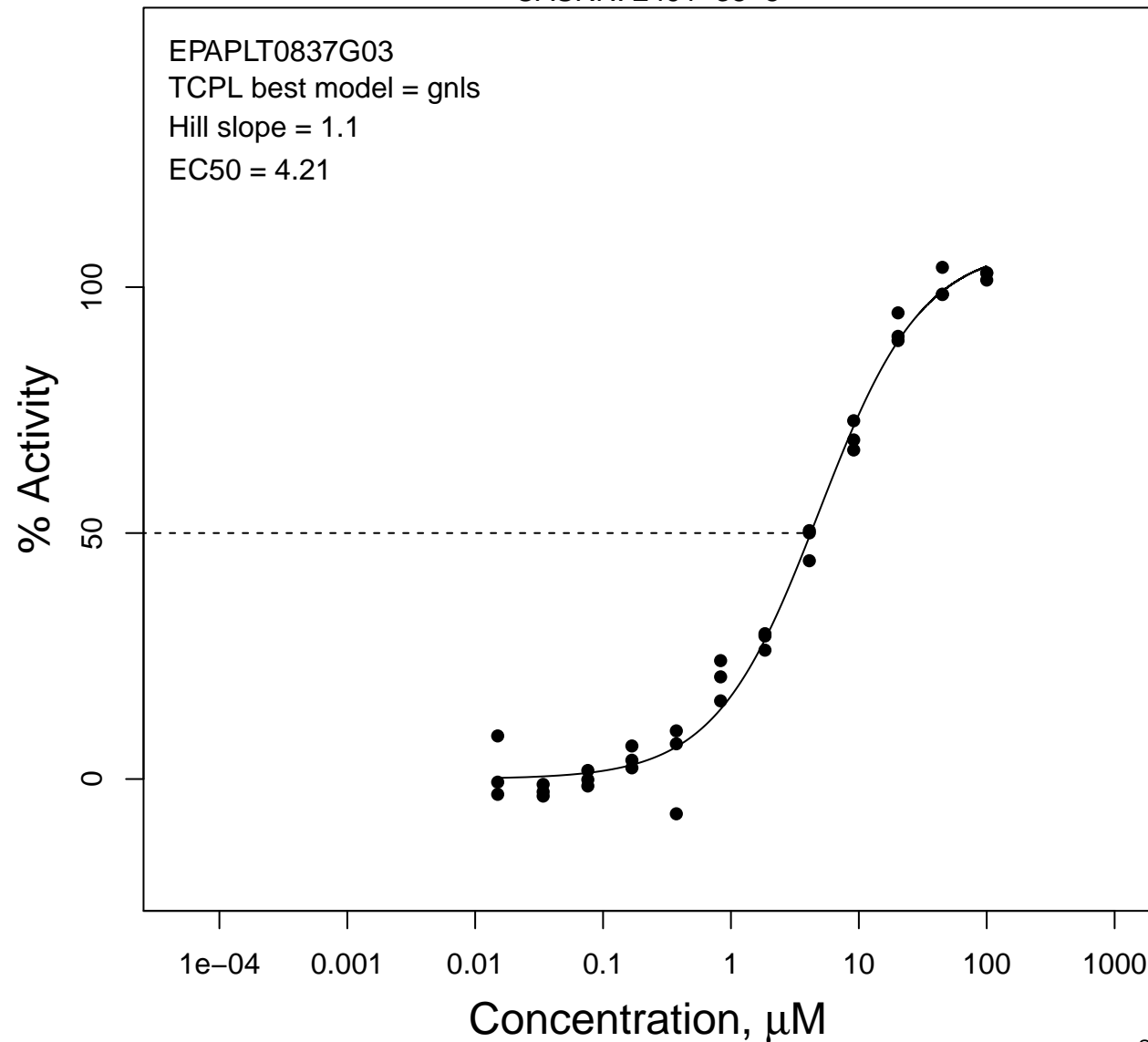
CASRN: 2491-38-5

EPAPLT0837G03

TCPL best model = gnls

Hill slope = 1.1

EC50 = 4.21



4,4'-Methylenebis(o-toluidine)

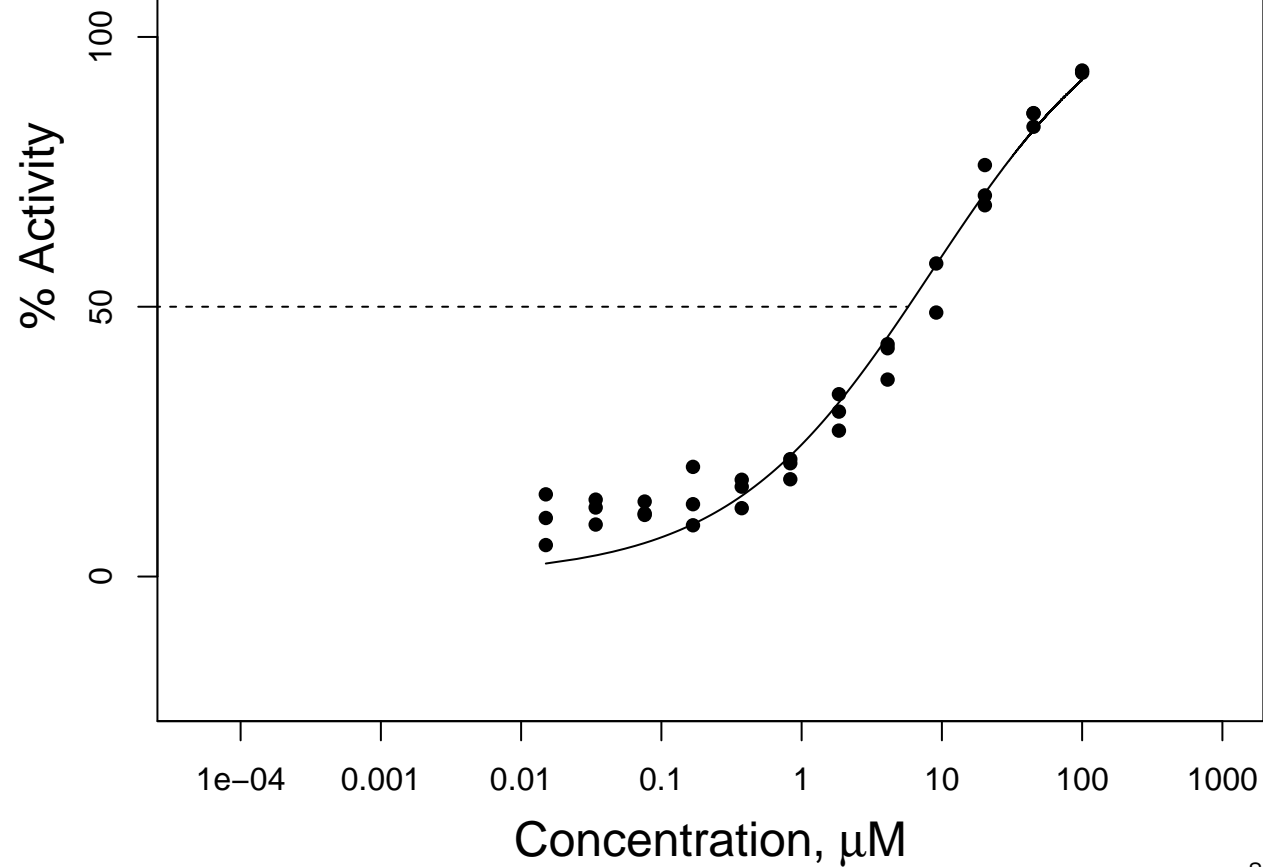
CASRN: 838-88-0

EPAPLT0837G05

TCPL best model = hill

Hill slope = 0.6

EC50 = 5.75



4-Chloro-2-methylphenol

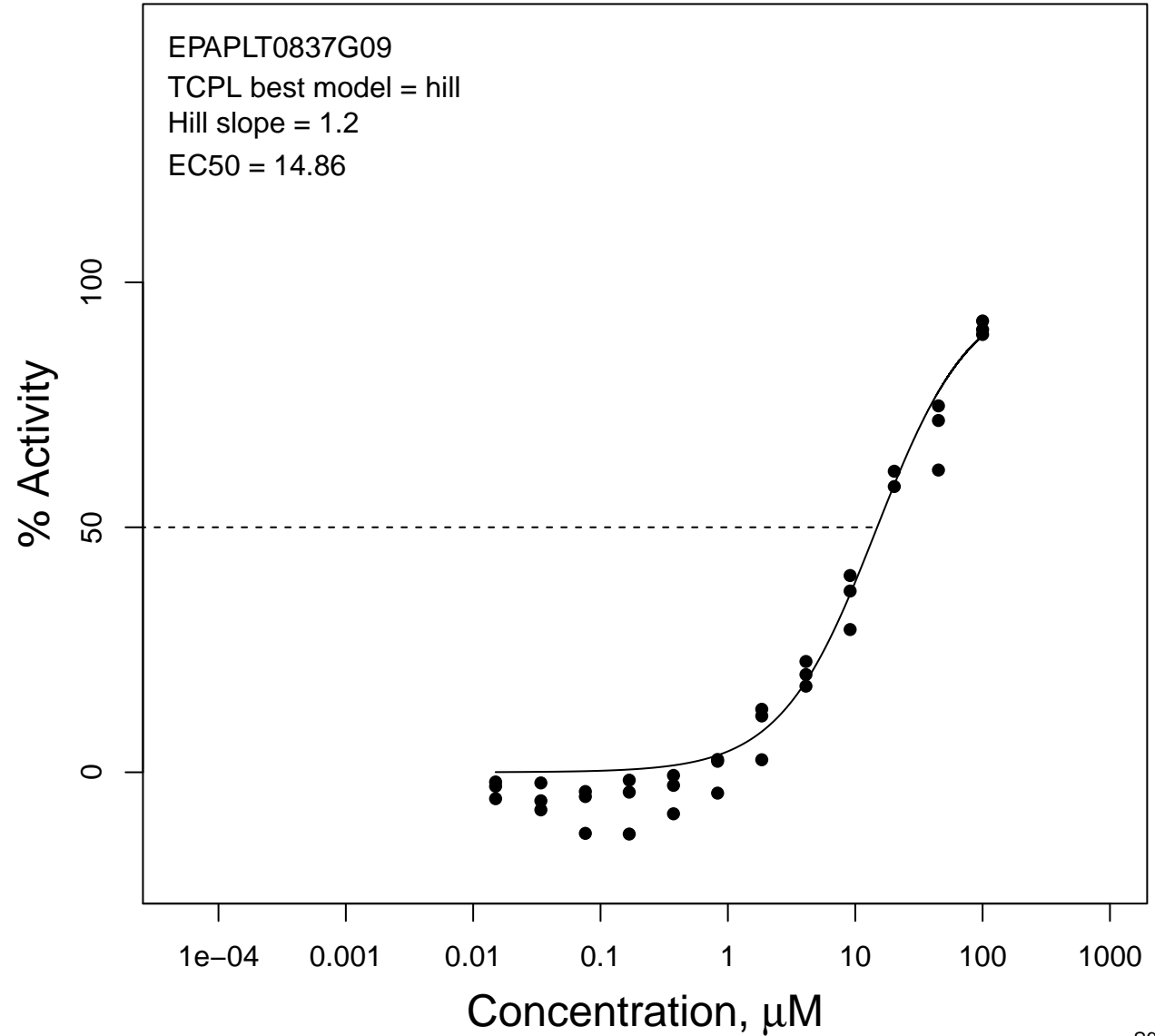
CASRN: 1570-64-5

EPAPLT0837G09

TCPL best model = hill

Hill slope = 1.2

EC50 = 14.86



Warfarin

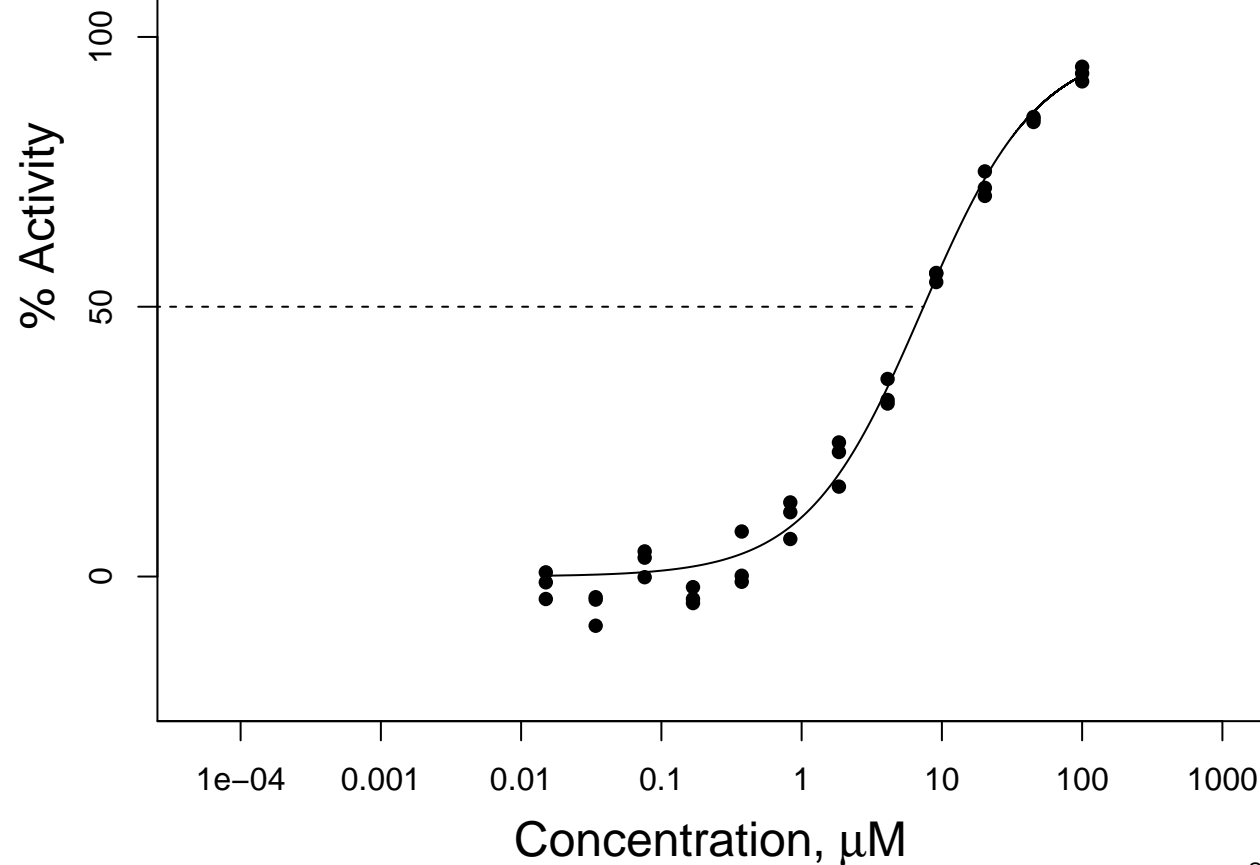
CASRN: 81-81-2

EPAPLT0837G10

TCPL best model = hill

Hill slope = 1.1

EC50 = 7.4



Fenthion

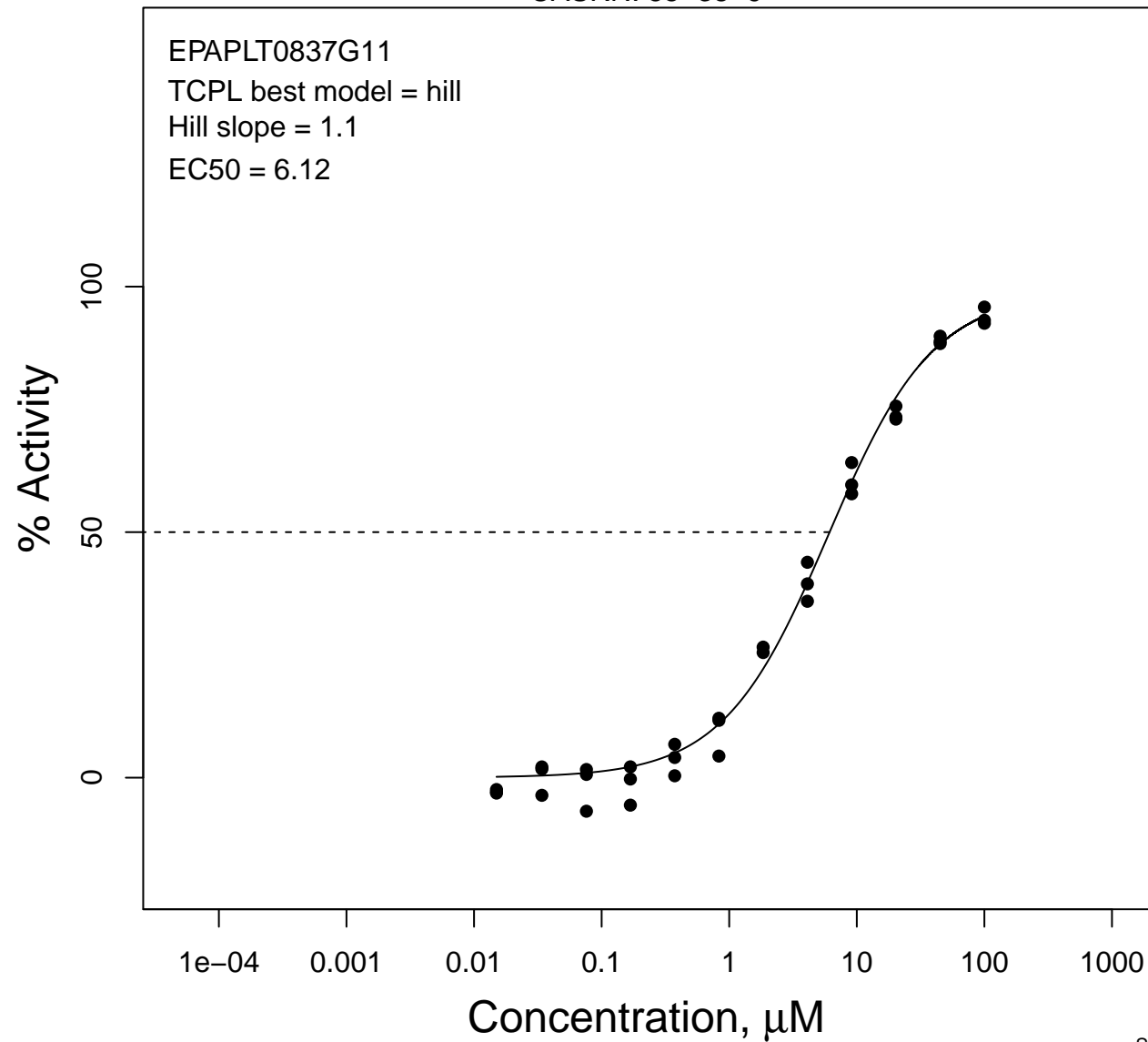
CASRN: 55-38-9

EPAPLT0837G11

TCPL best model = hill

Hill slope = 1.1

EC50 = 6.12



Bisphenol A

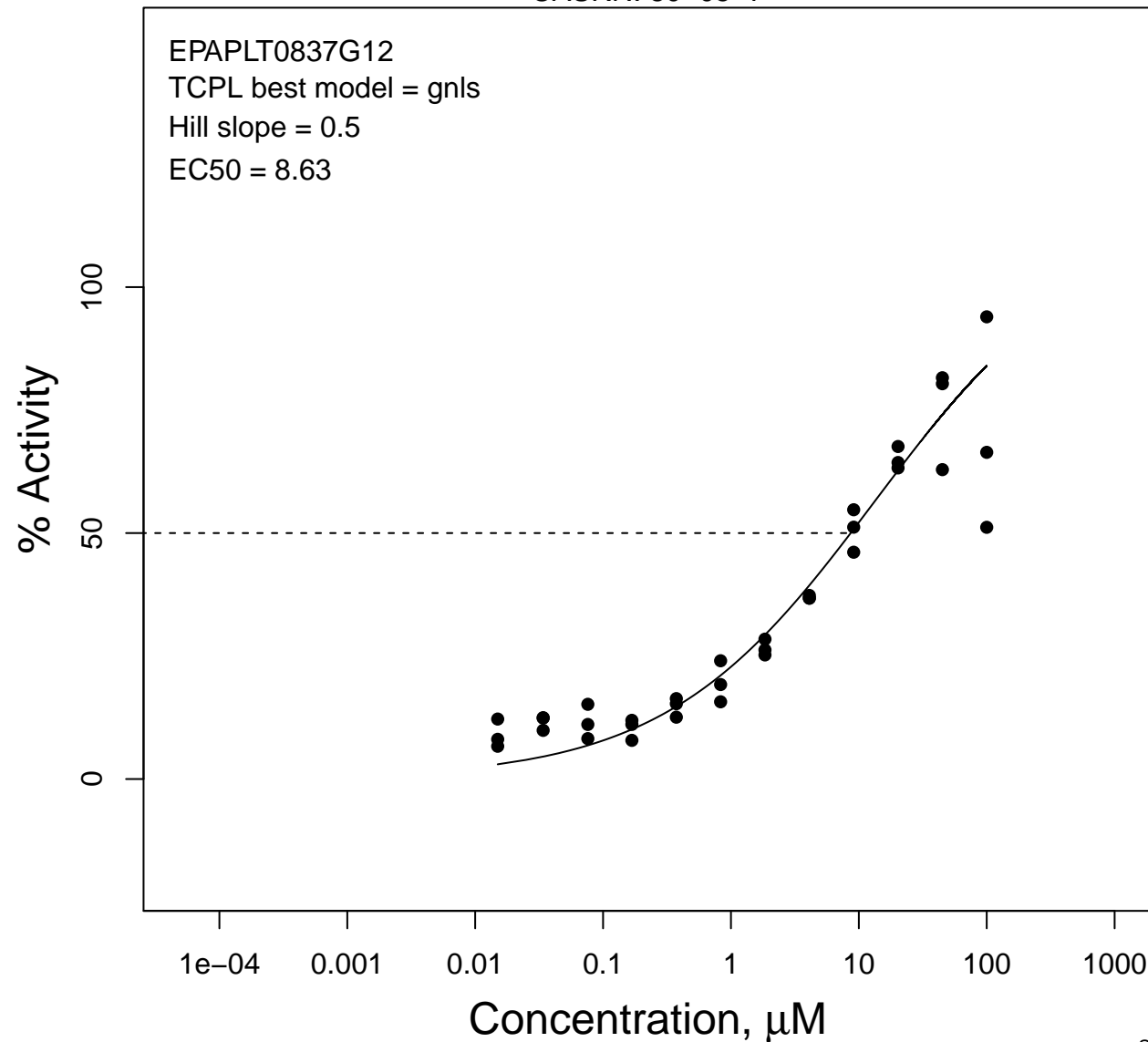
CASRN: 80-05-7

EPAPLT0837G12

TCPL best model = gnls

Hill slope = 0.5

EC50 = 8.63



2-Nitrophenol

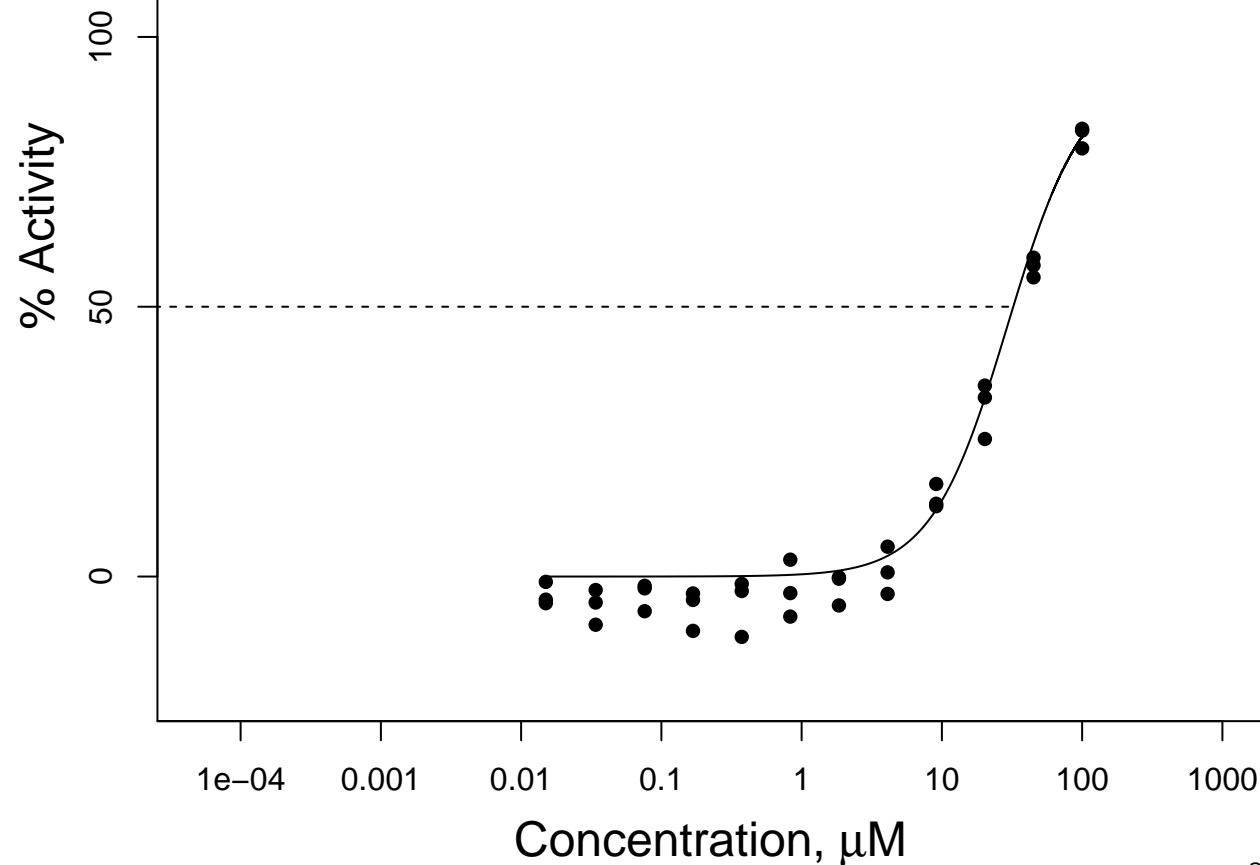
CASRN: 88-75-5

EPAPLT0837H01

TCPL best model = hill

Hill slope = 1.6

EC50 = 32.27



4-(Butan-2-yl)phenol

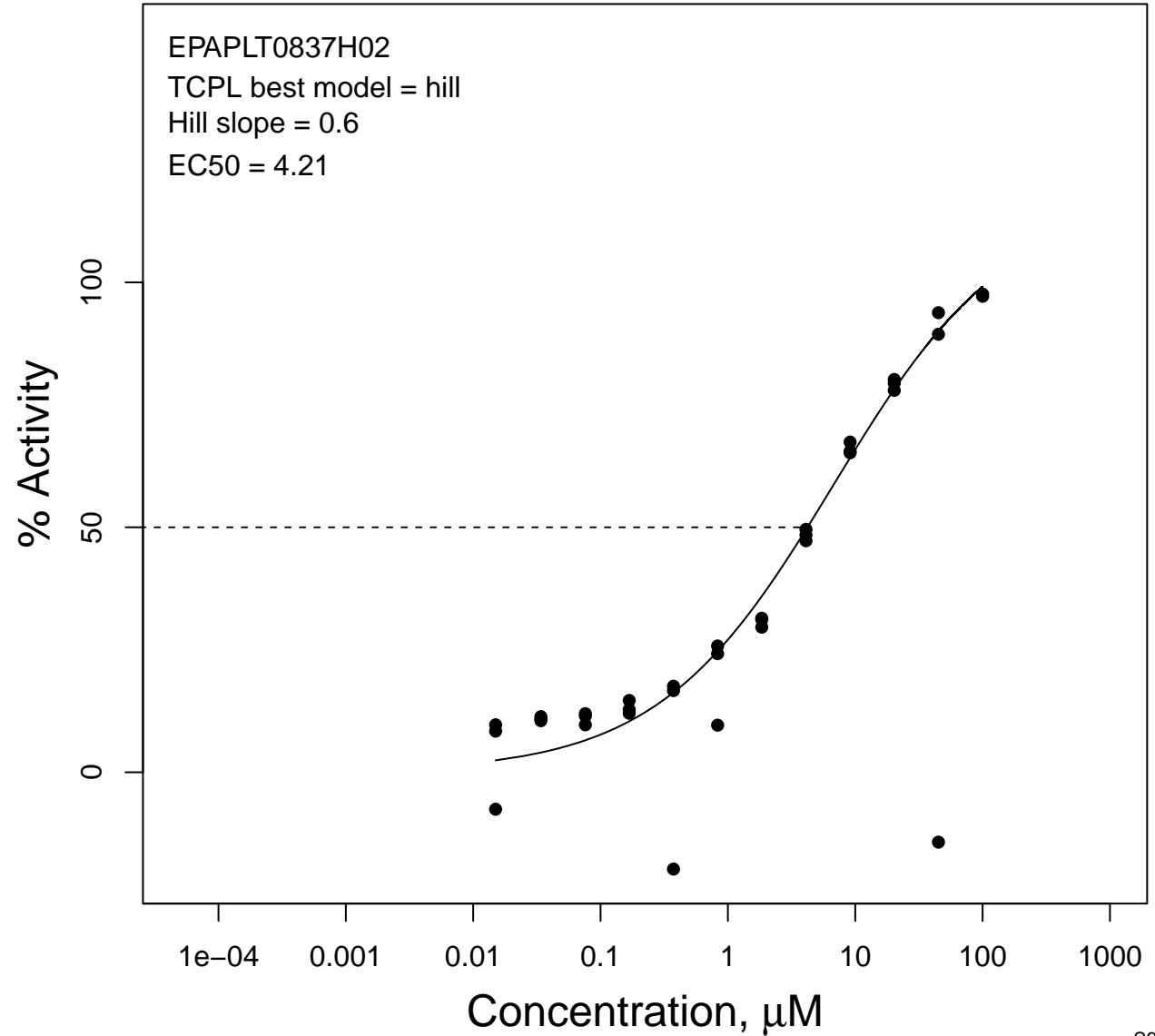
CASRN: 99-71-8

EPAPLT0837H02

TCPL best model = hill

Hill slope = 0.6

EC50 = 4.21



2,4-Bis(1-methyl-1-phenylethyl)phenol

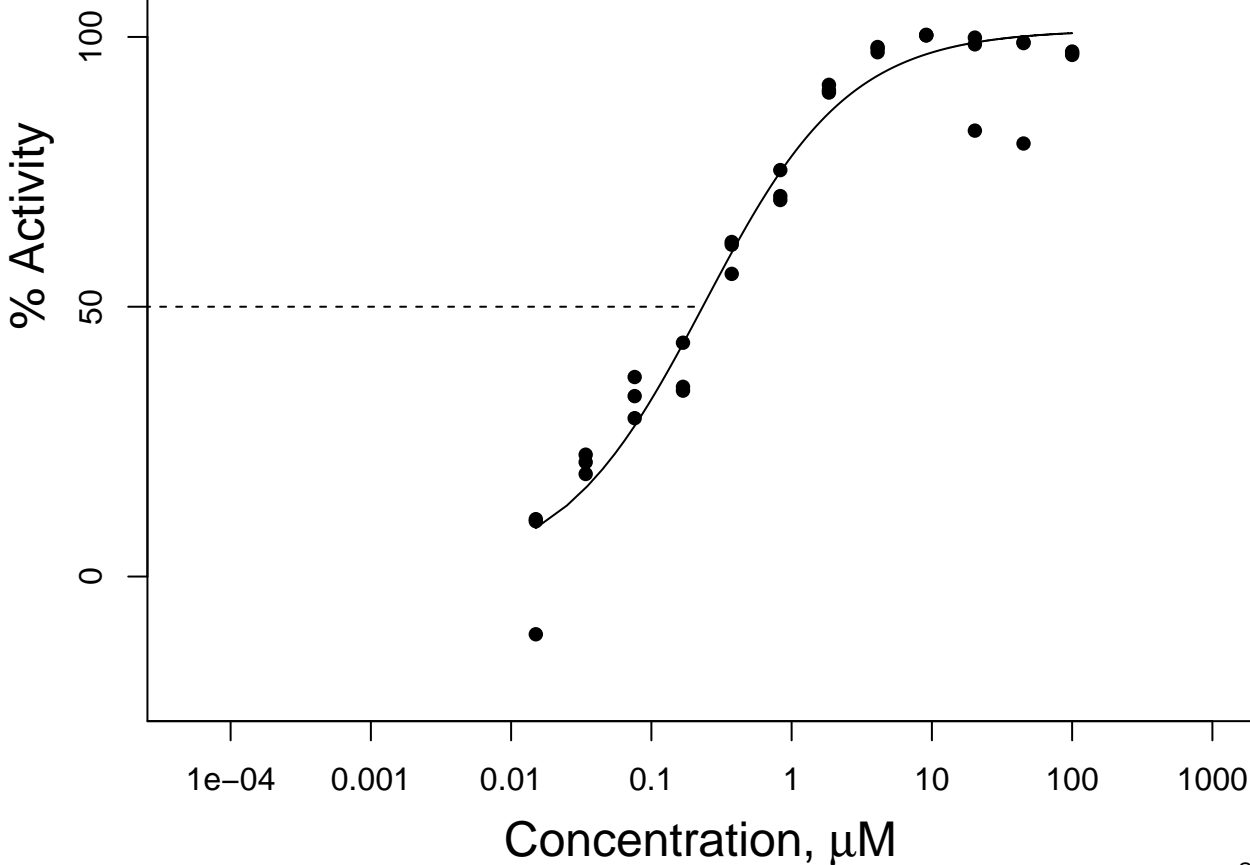
CASRN: 2772-45-4

EPAPLT0837H03

TCPL best model = gnls

Hill slope = 0.8

EC50 = 0.23



Phenol red

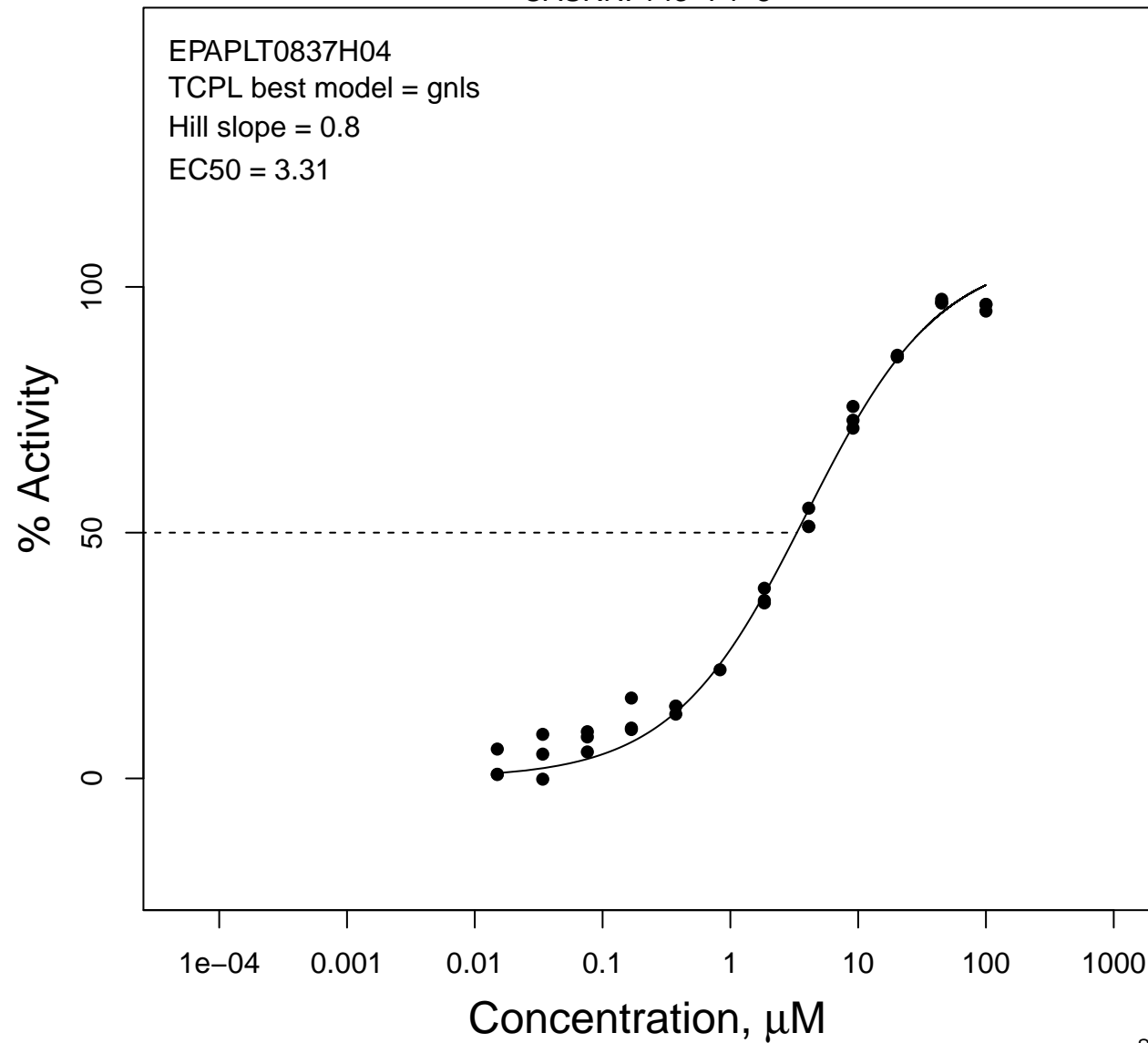
CASRN: 143-74-8

EPAPLT0837H04

TCPL best model = gnls

Hill slope = 0.8

EC50 = 3.31



FD&C Yellow 6

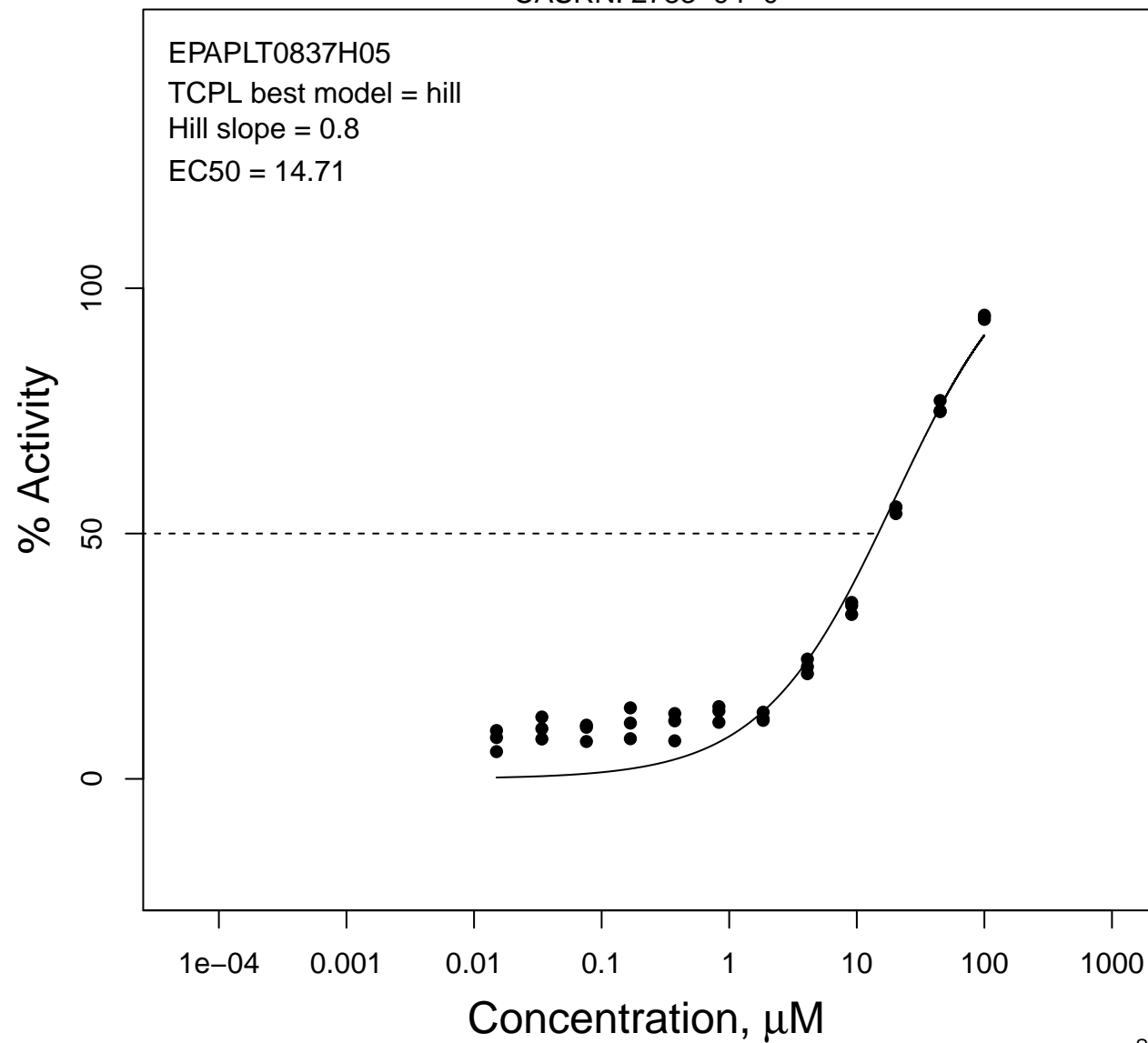
CASRN: 2783-94-0

EPAPLT0837H05

TCPL best model = hill

Hill slope = 0.8

EC50 = 14.71



Acetic acid, 2-(4-chloro-2-methylphenoxy)-, sodium salt (1:1)

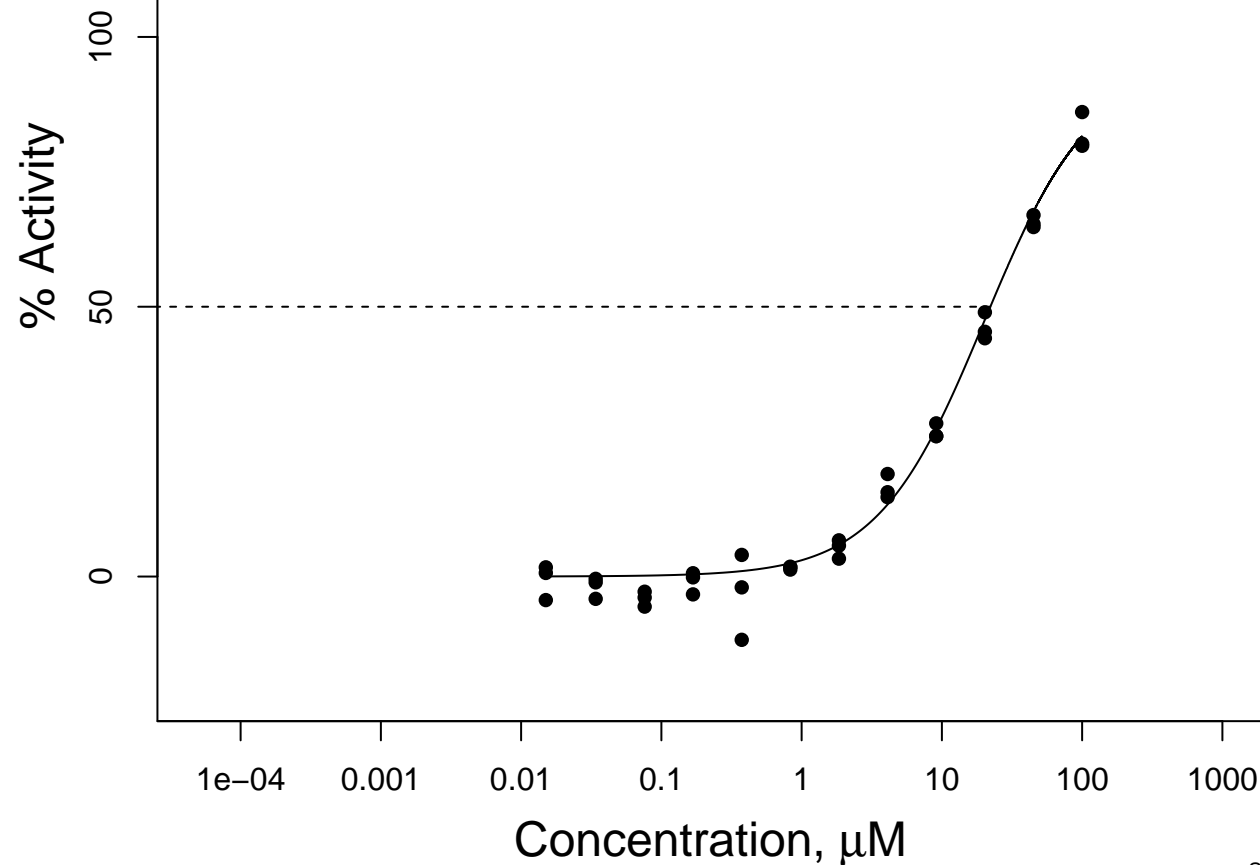
CASRN: 3653-48-3

EPAPLT0837H06

TCPL best model = hill

Hill slope = 1.1

EC50 = 22.15



Tiratricol

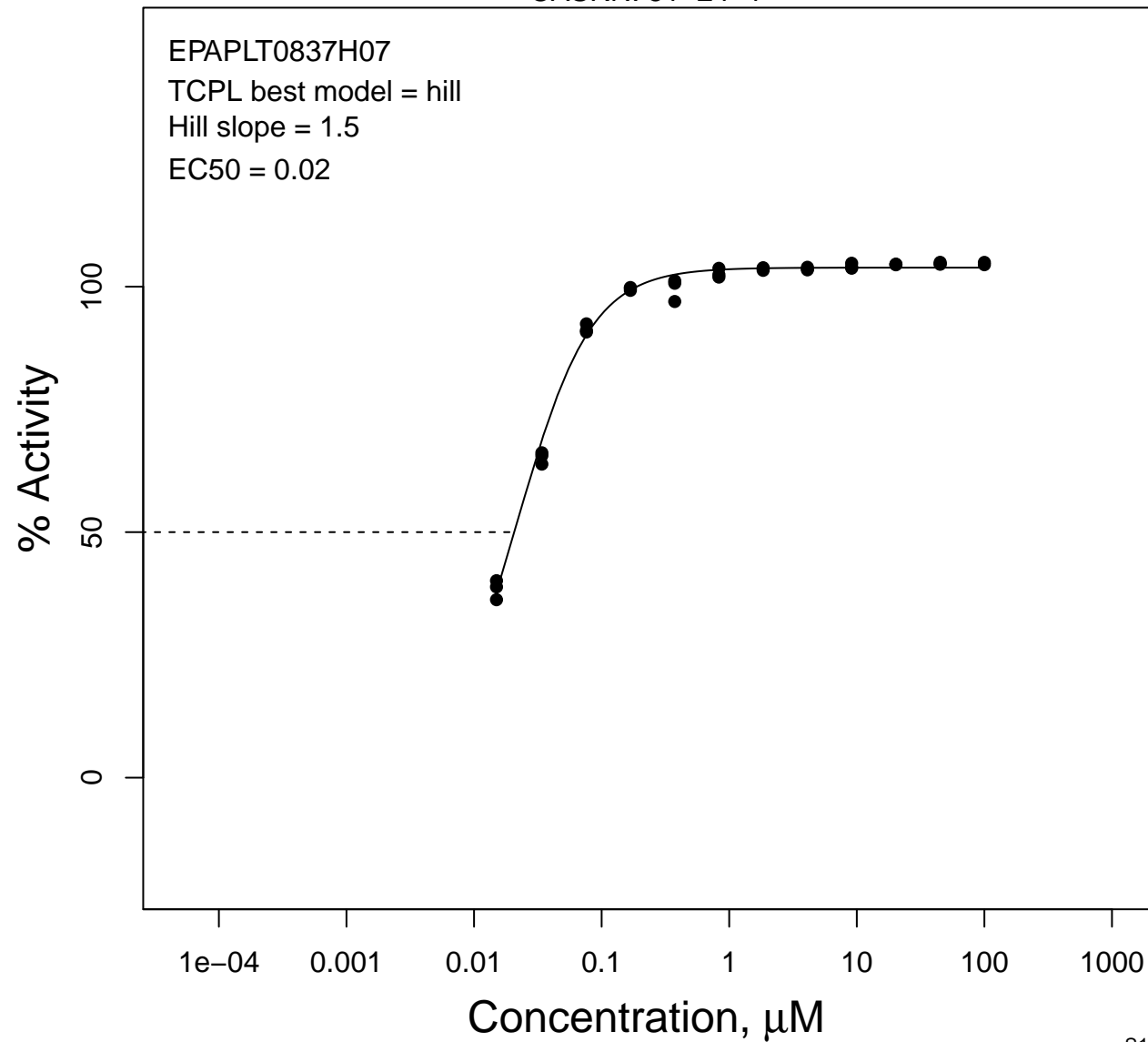
CASRN: 51-24-1

EPAPLT0837H07

TCPL best model = hill

Hill slope = 1.5

EC50 = 0.02



2,2'-Bisphenol F

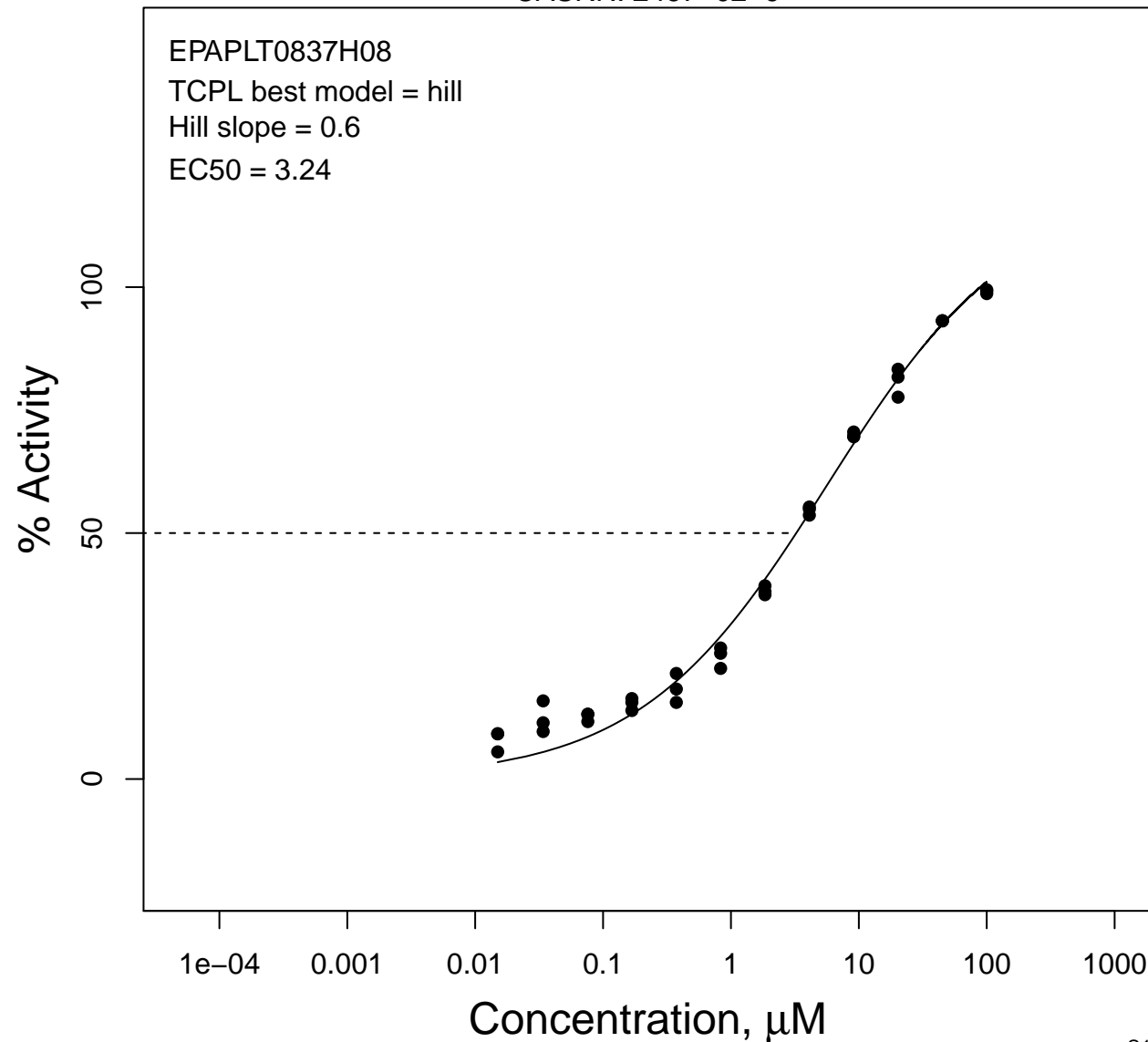
CASRN: 2467-02-9

EPAPLT0837H08

TCPL best model = hill

Hill slope = 0.6

EC50 = 3.24



(2-Dodecenyl)succinic anhydride

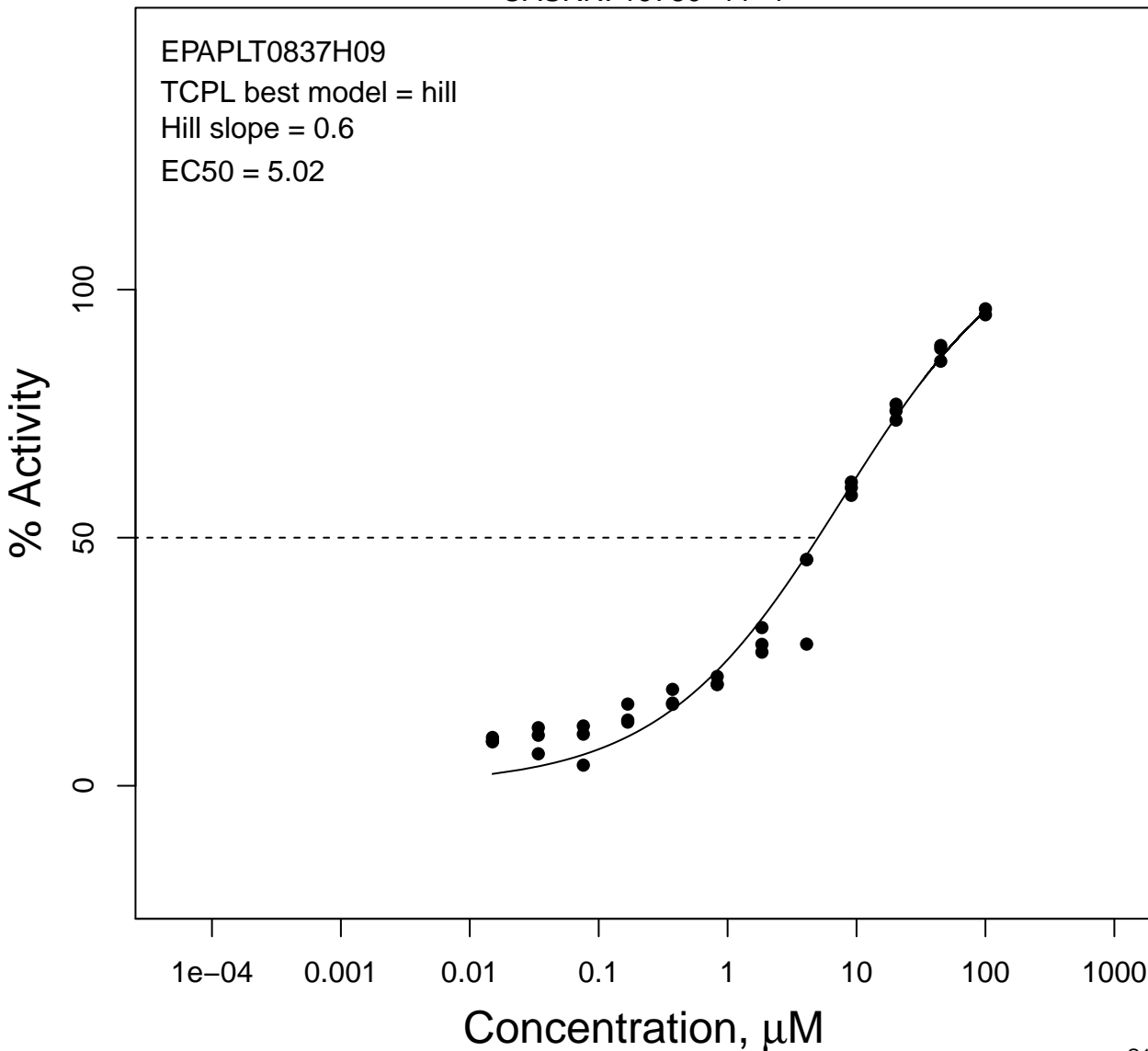
CASRN: 19780-11-1

EPAPLT0837H09

TCPL best model = hill

Hill slope = 0.6

EC50 = 5.02



Paraoxon

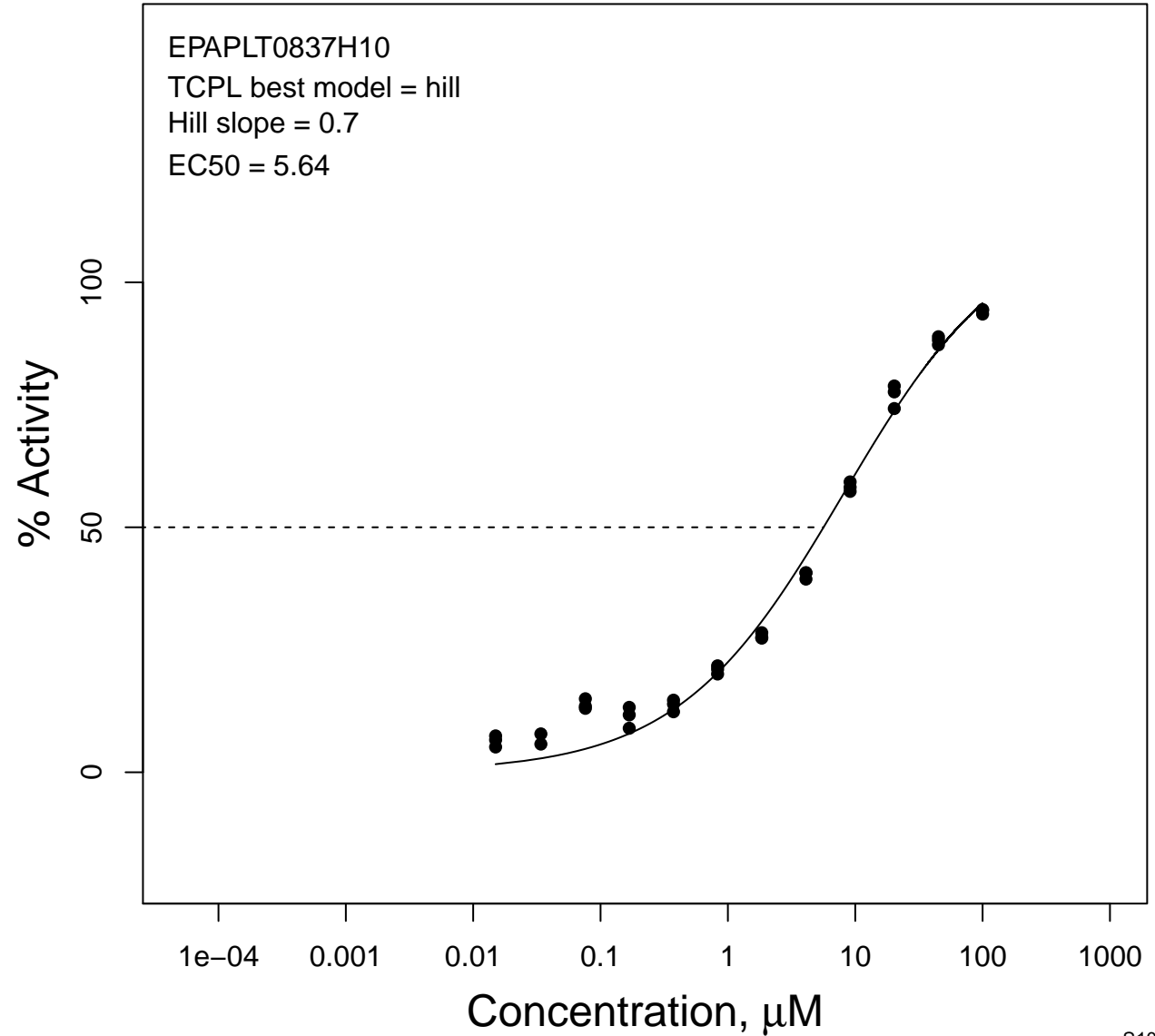
CASRN: 311-45-5

EPAPLT0837H10

TCPL best model = hill

Hill slope = 0.7

EC50 = 5.64



C.I. Acid Orange 8, monosodium salt

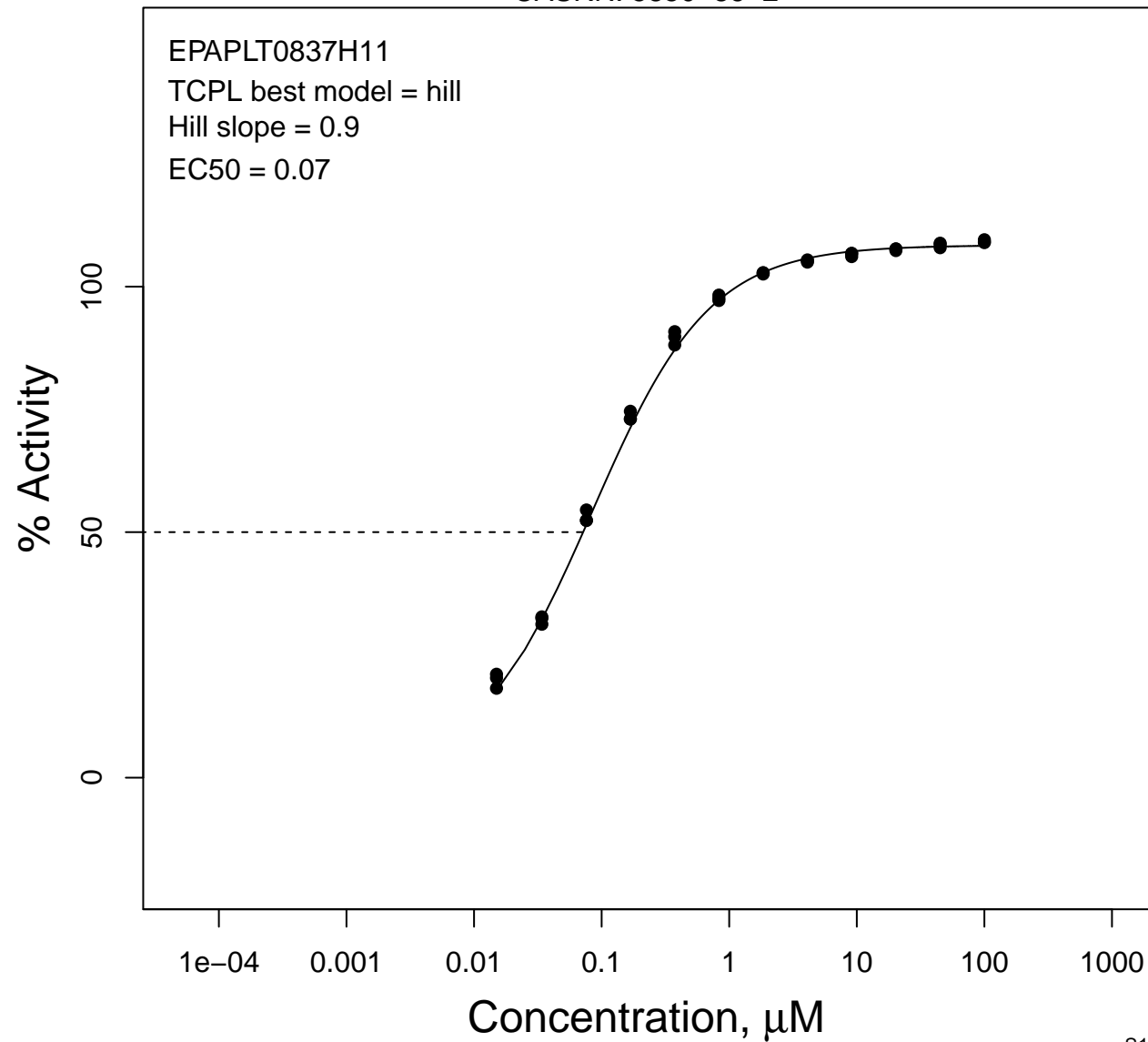
CASRN: 5850-86-2

EPAPLT0837H11

TCPL best model = hill

Hill slope = 0.9

EC50 = 0.07



Ammonium perfluorooctanoate

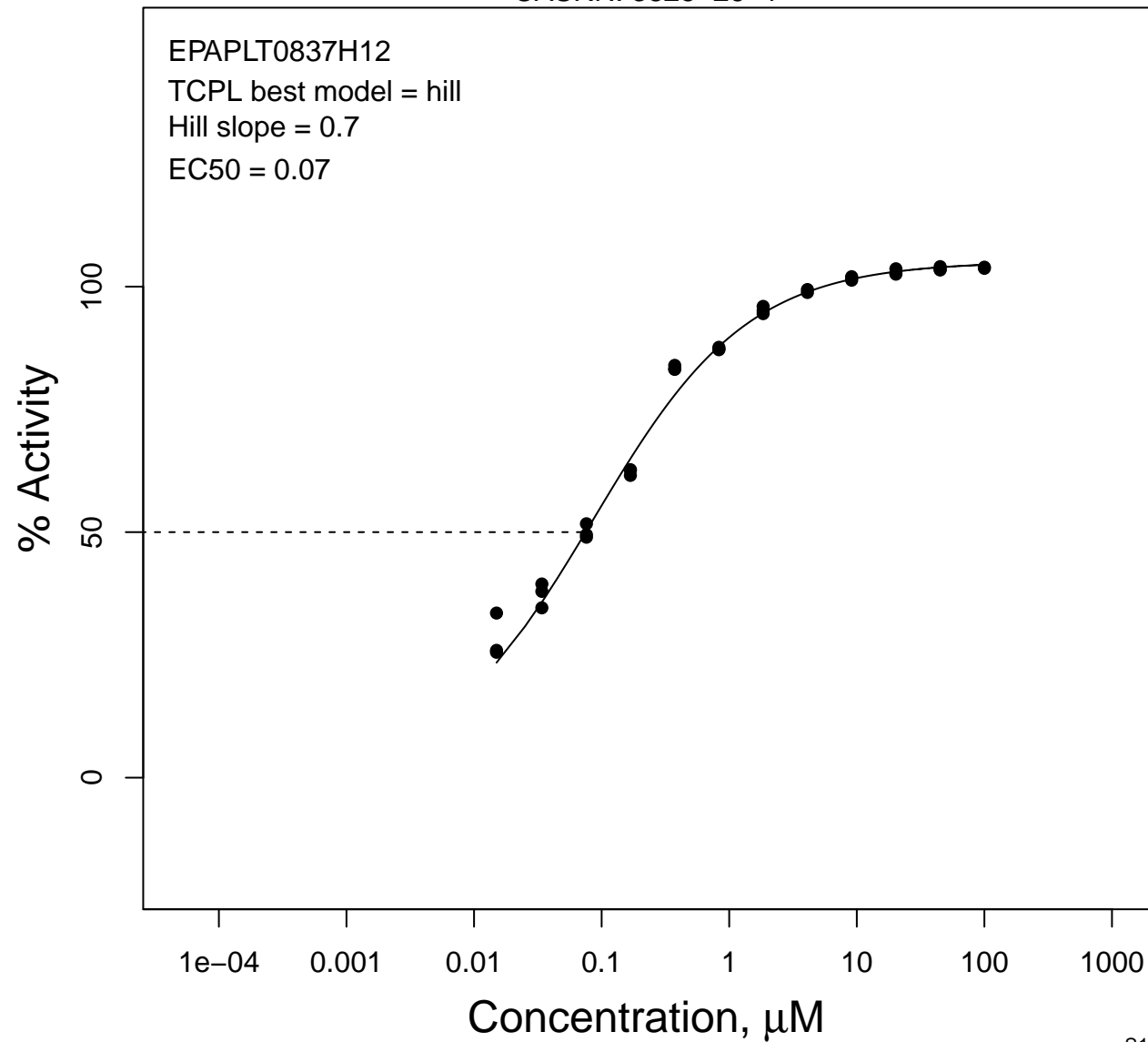
CASRN: 3825-26-1

EPAPLT0837H12

TCPL best model = hill

Hill slope = 0.7

EC50 = 0.07



Benzyl 4-hydroxybenzoate

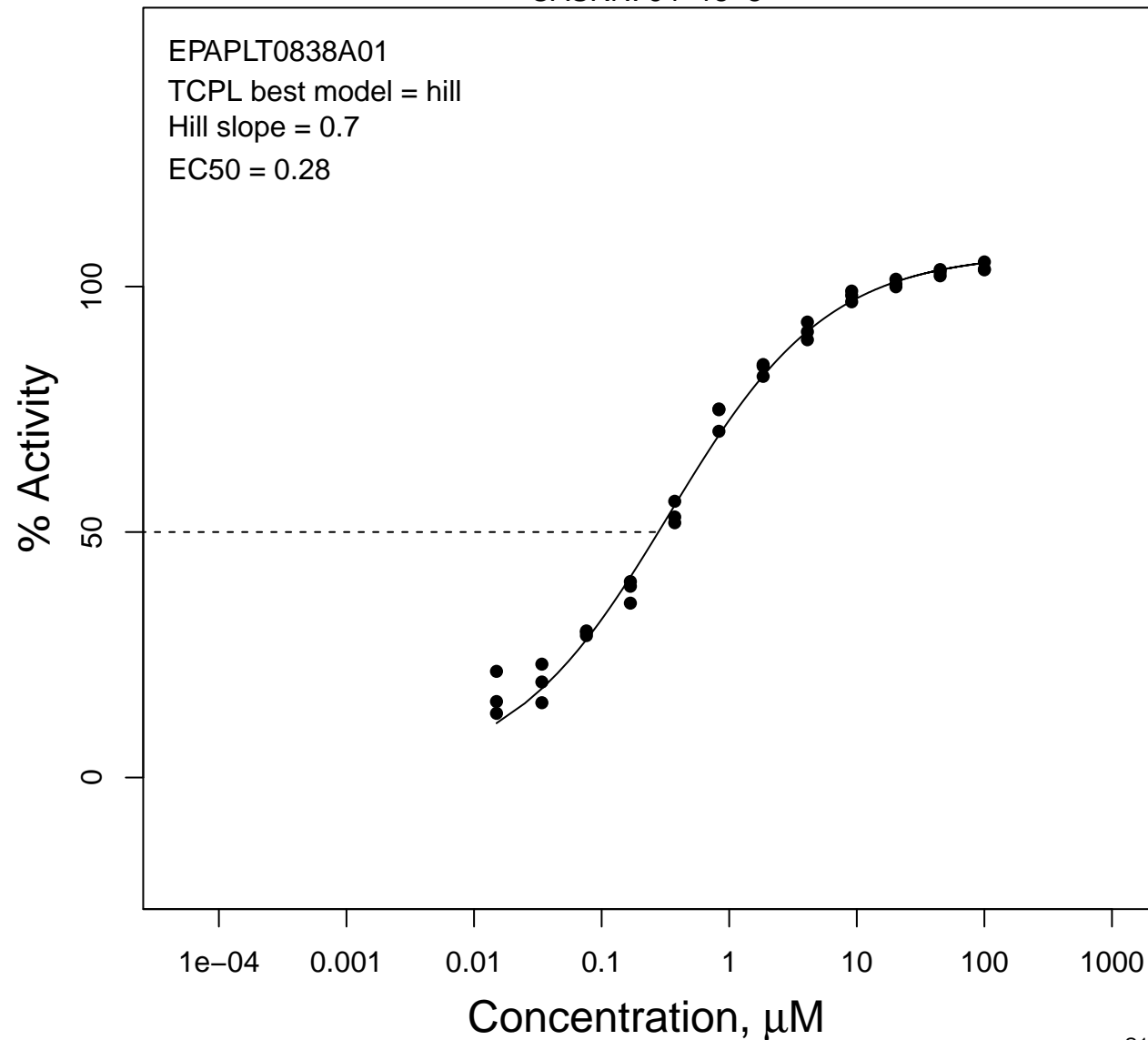
CASRN: 94-18-8

EPAPLT0838A01

TCPL best model = hill

Hill slope = 0.7

EC50 = 0.28



2,4,5-Trichlorophenoxyacetic acid

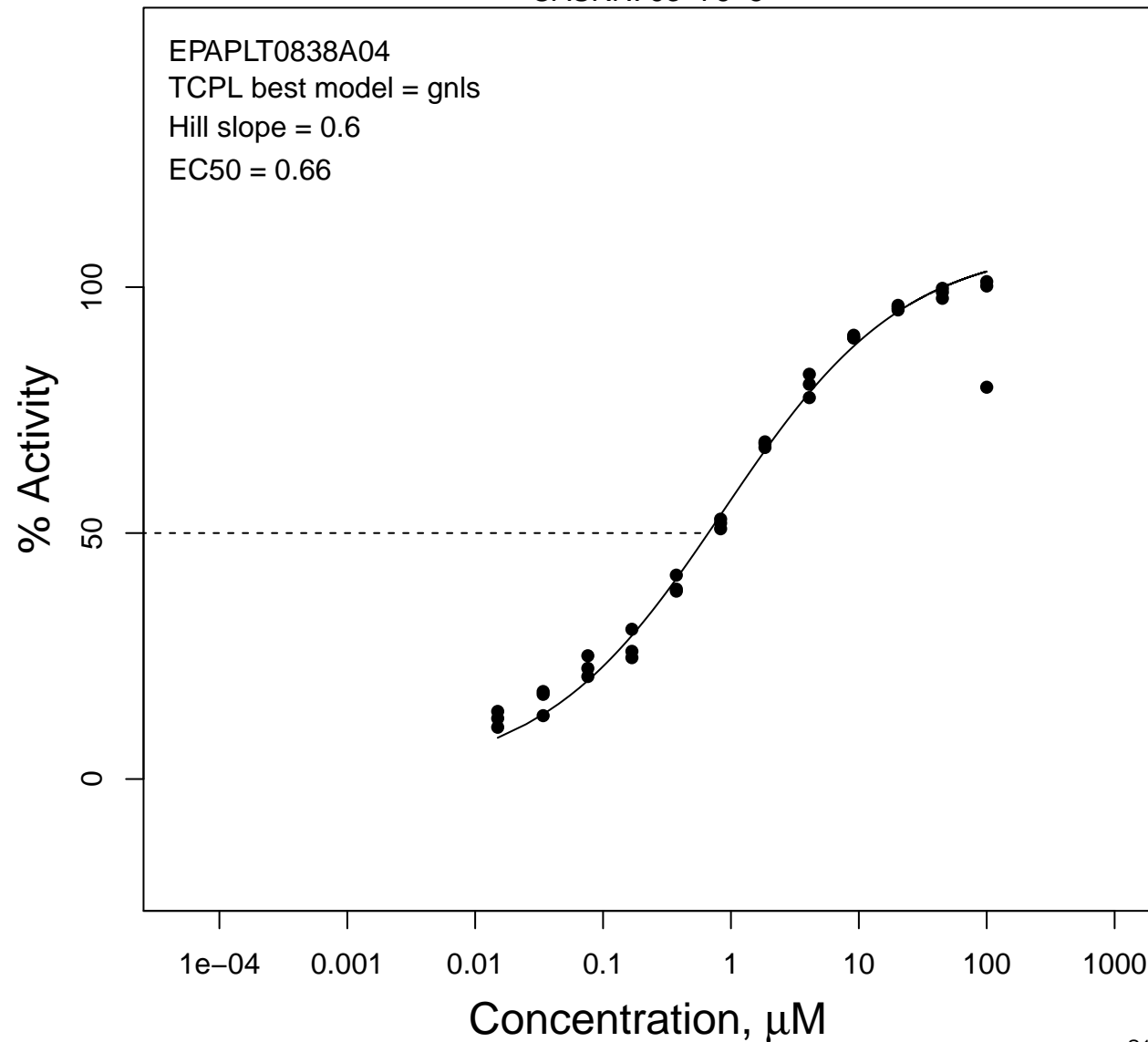
CASRN: 93-76-5

EPAPLT0838A04

TCPL best model = gnls

Hill slope = 0.6

EC50 = 0.66



Octabenzene

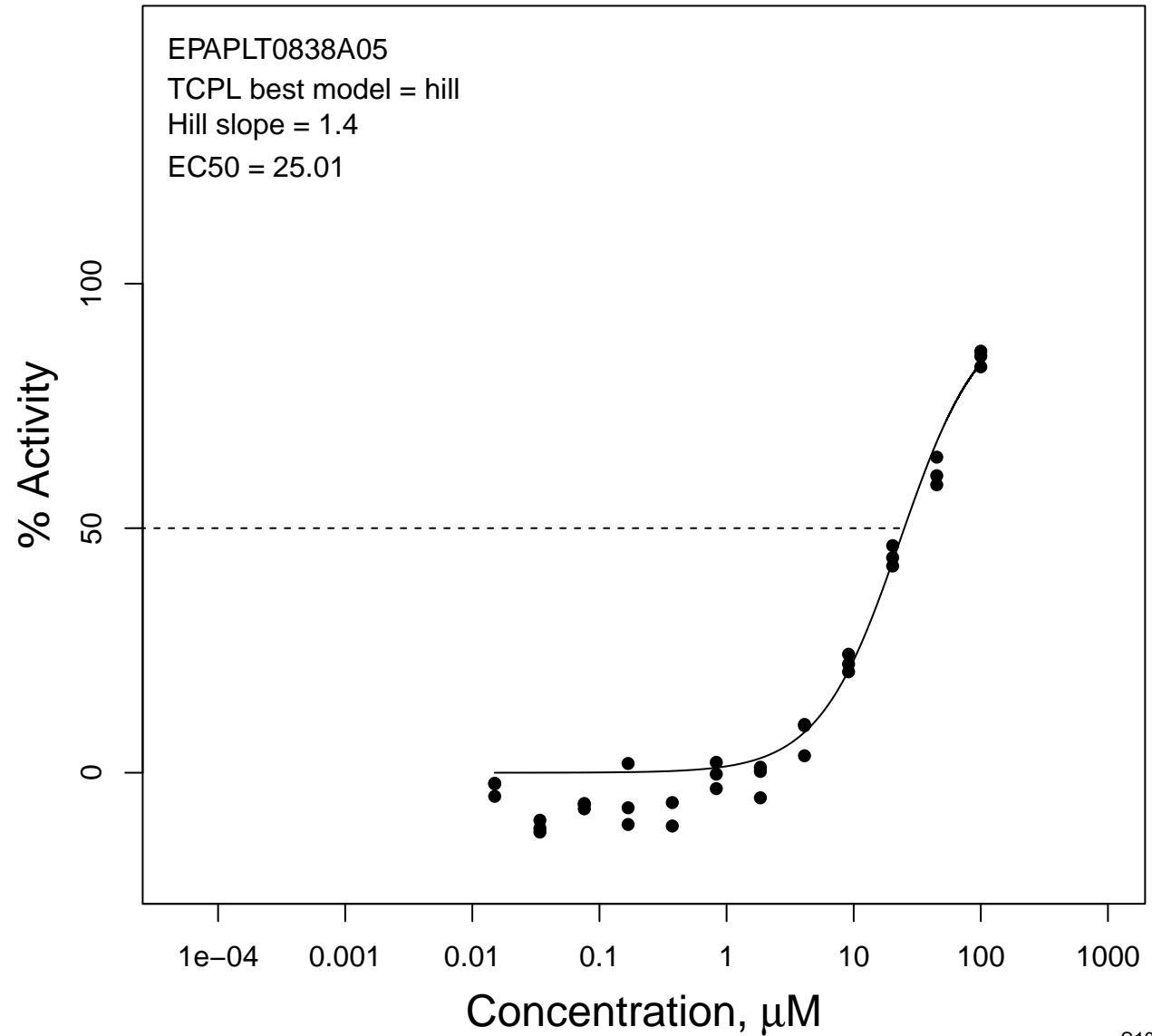
CASRN: 1843-05-6

EPAPLT0838A05

TCPL best model = hill

Hill slope = 1.4

EC50 = 25.01



C.I. Acid Yellow 34, monosodium salt

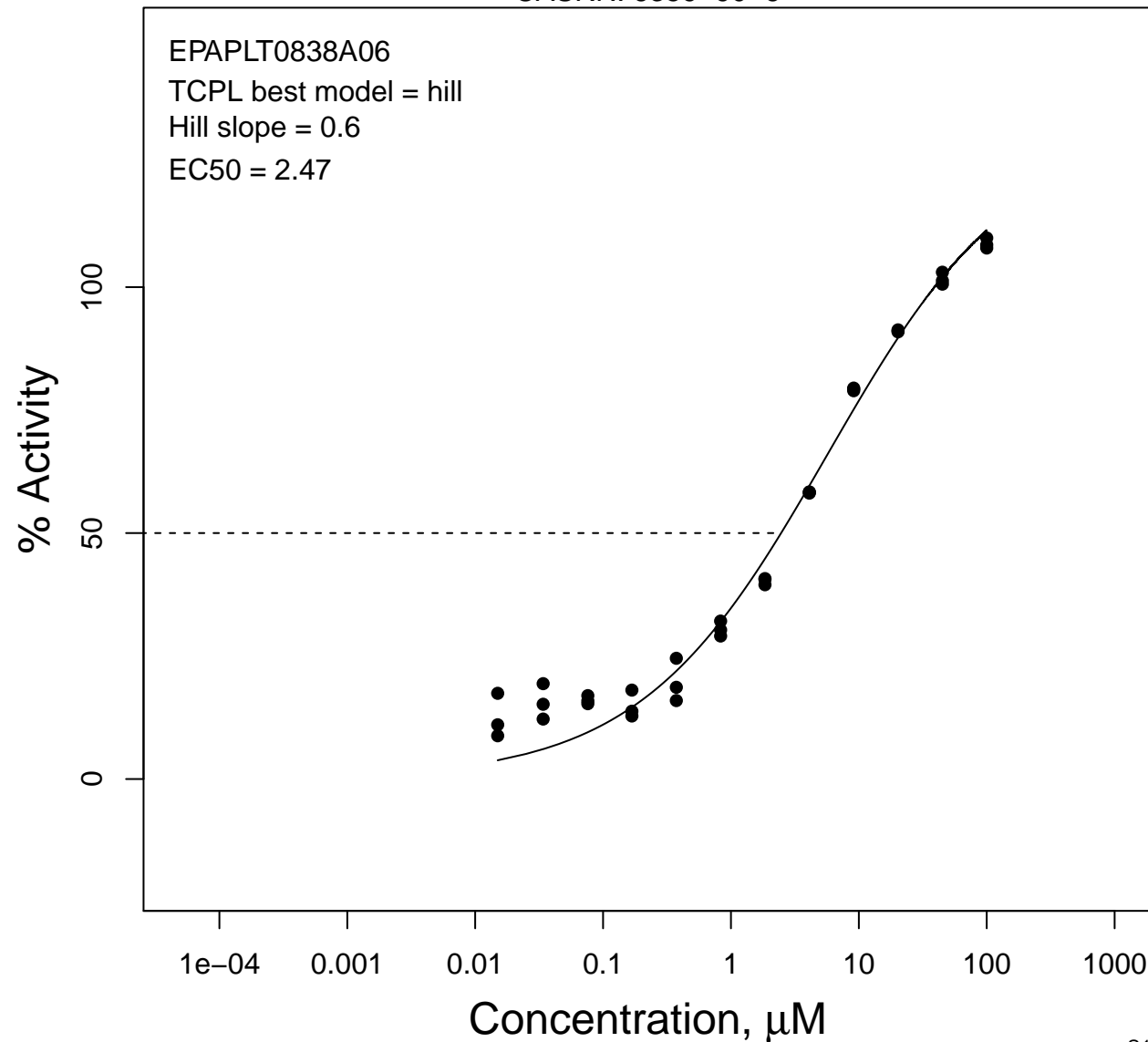
CASRN: 6359-90-6

EPAPLT0838A06

TCPL best model = hill

Hill slope = 0.6

EC50 = 2.47



Perfluorooctanoic acid

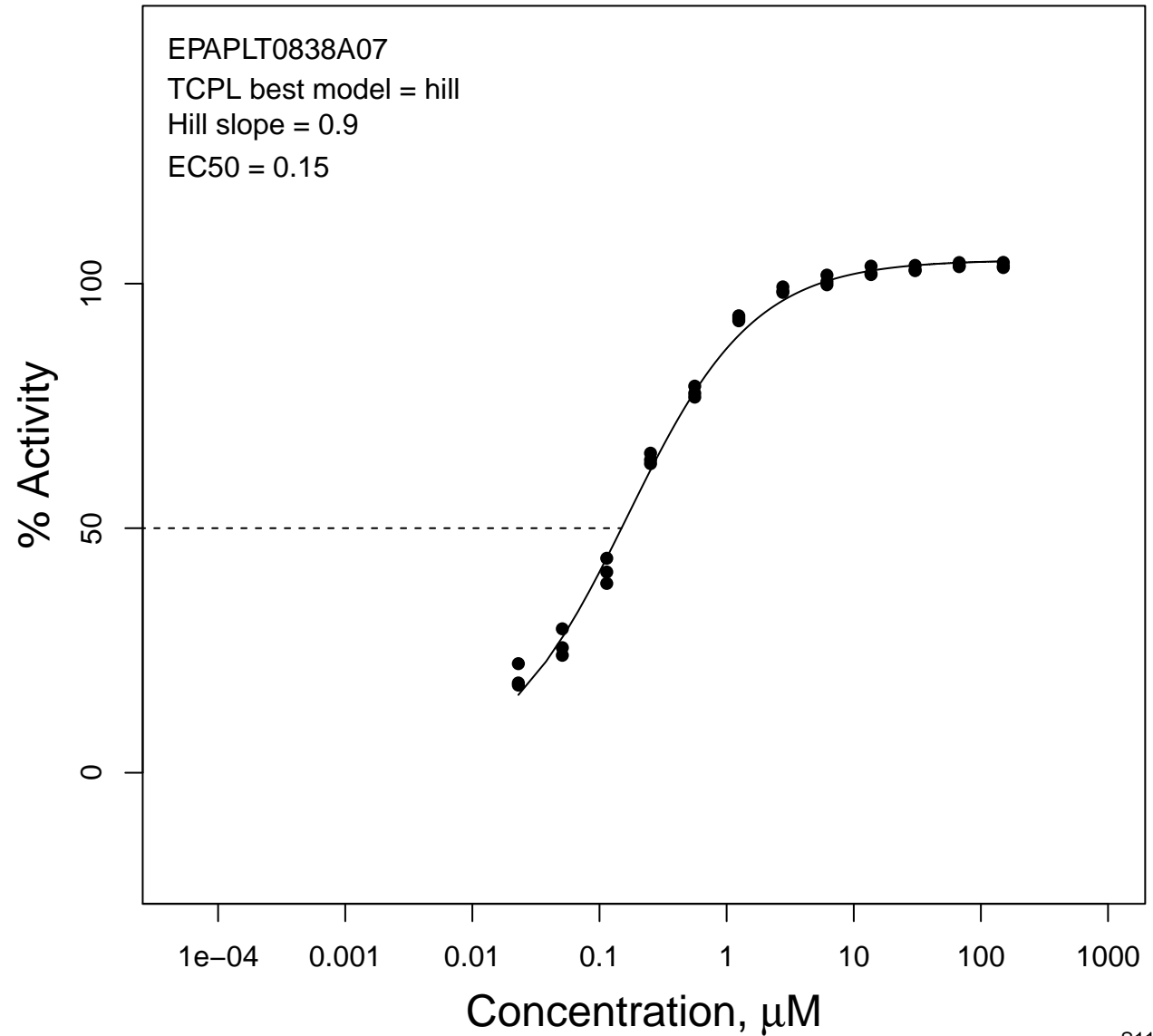
CASRN: 335-67-1

EPAPLT0838A07

TCPL best model = hill

Hill slope = 0.9

EC50 = 0.15



7-Ethyl-2-methyl-4-undecanolsulfate, sodium salt

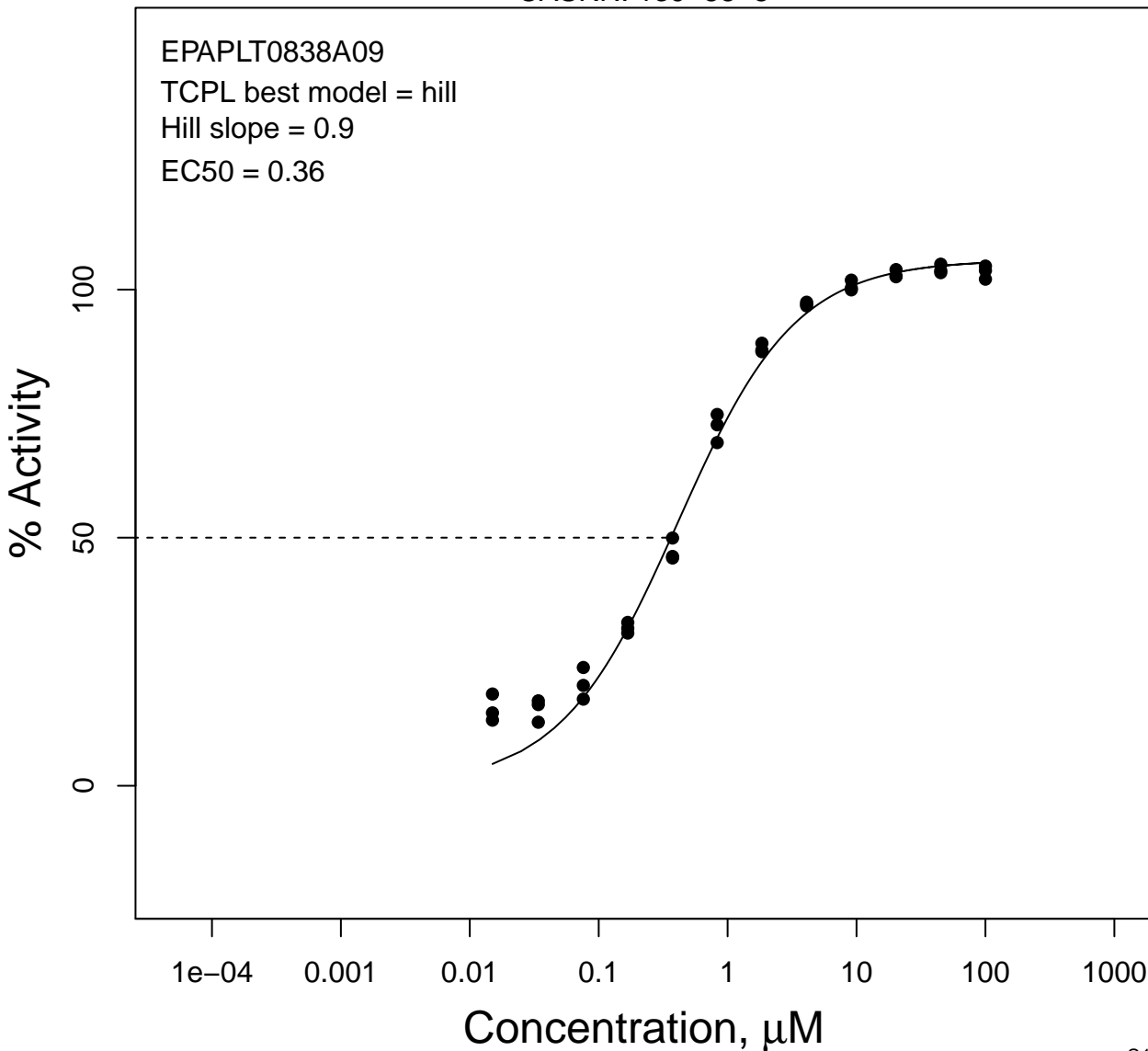
CASRN: 139-88-8

EPAPLT0838A09

TCPL best model = hill

Hill slope = 0.9

EC50 = 0.36



Acid Red 337

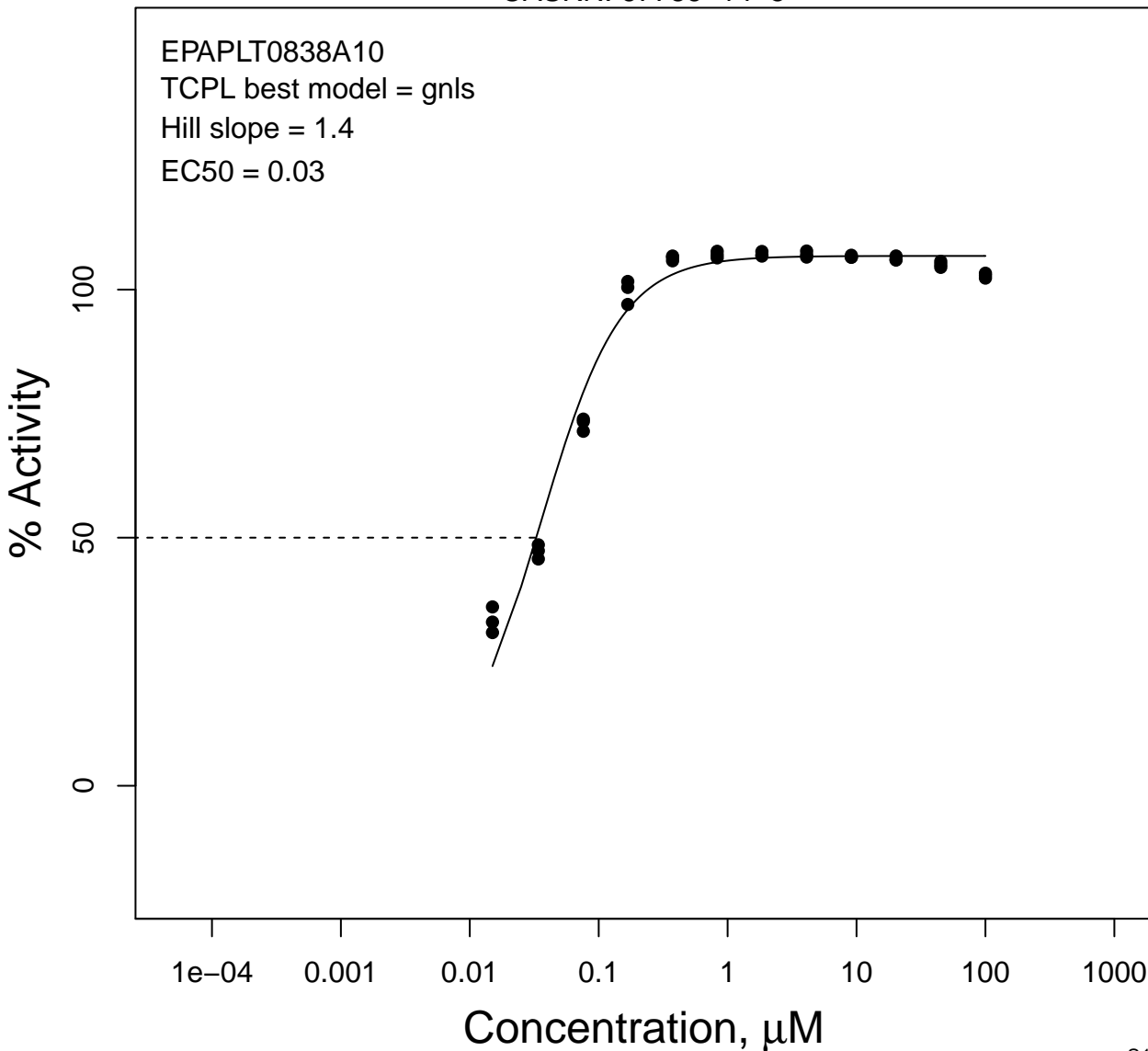
CASRN: 67786-14-5

EPAPLT0838A10

TCPL best model = gnls

Hill slope = 1.4

EC50 = 0.03



Triclopyr

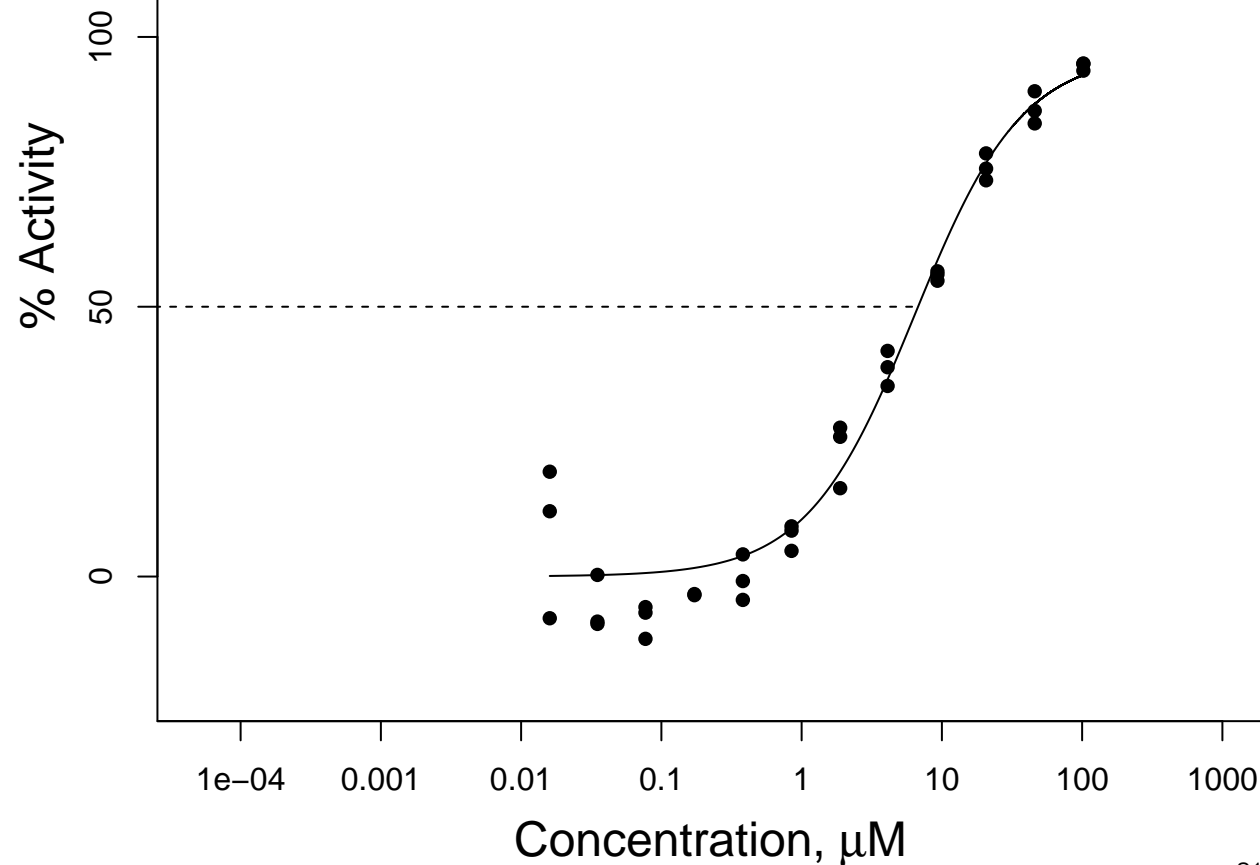
CASRN: 55335-06-3

EPAPLT0838A11

TCPL best model = hill

Hill slope = 1.1

EC50 = 6.76



4-(Hexyloxy)phenol

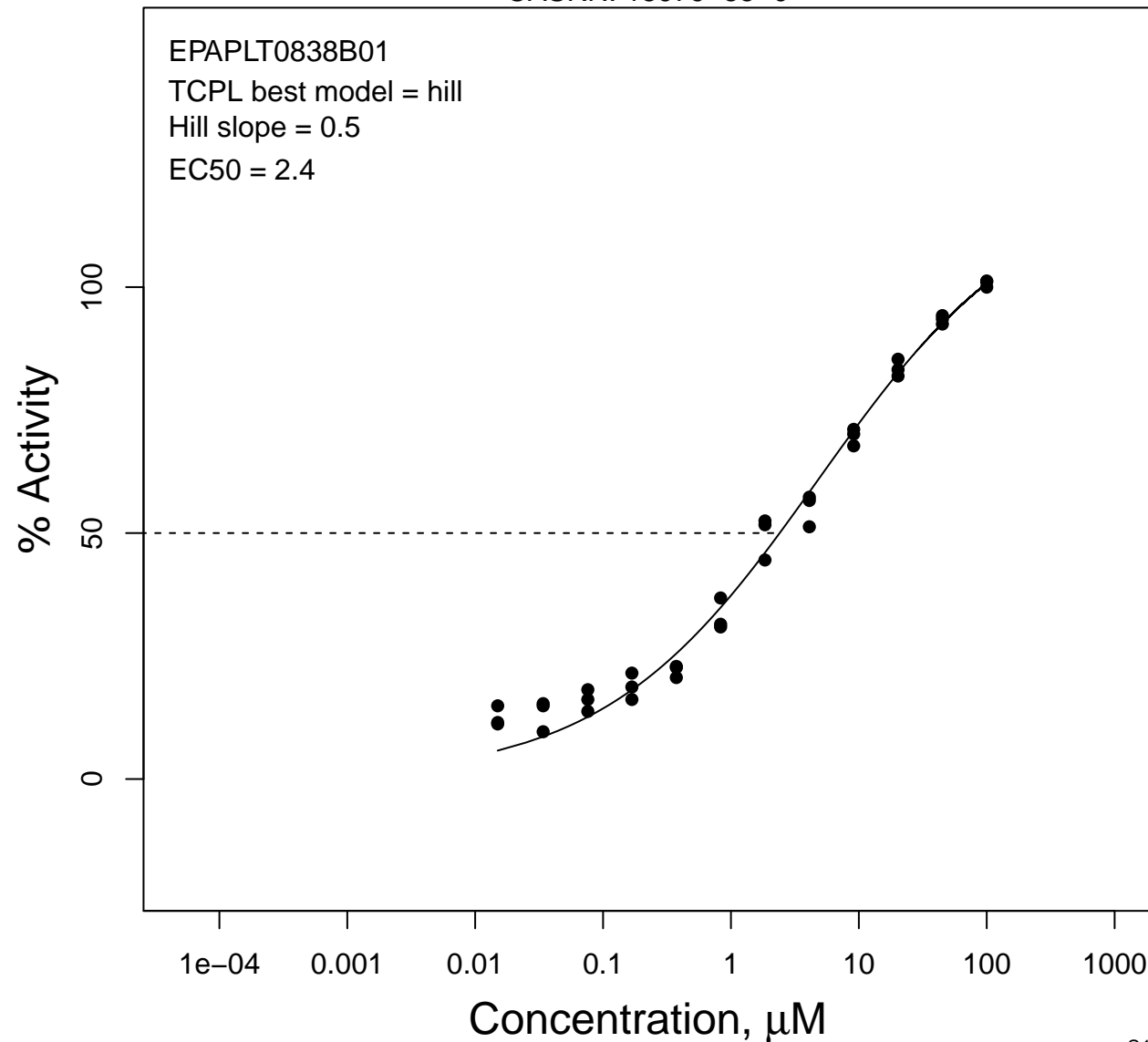
CASRN: 18979-55-0

EPAPLT0838B01

TCPL best model = hill

Hill slope = 0.5

EC50 = 2.4



N-Phenyl-1,4-benzenediamine

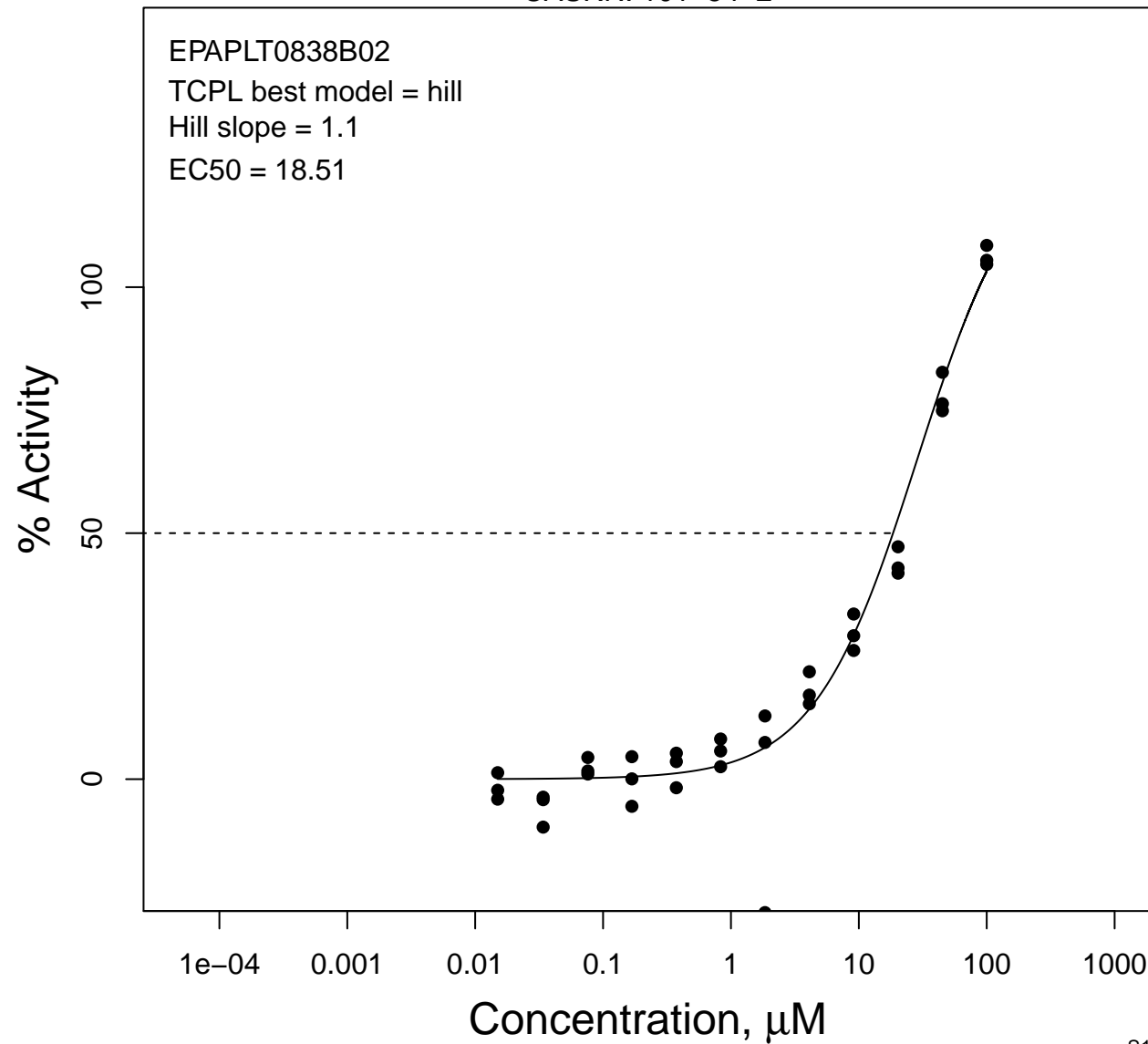
CASRN: 101-54-2

EPAPLT0838B02

TCPL best model = hill

Hill slope = 1.1

EC50 = 18.51



o-Aminoazotoluene

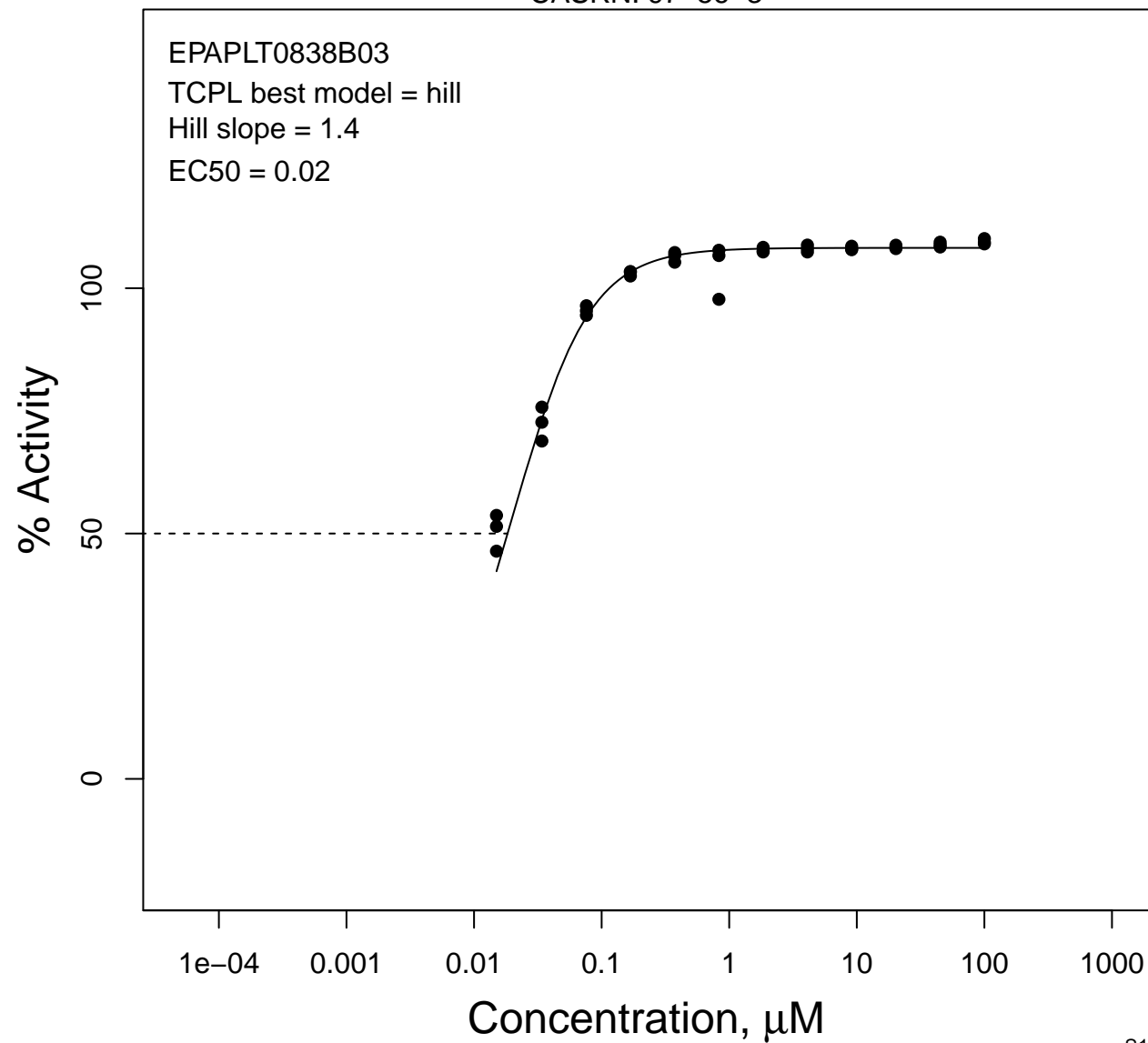
CASRN: 97-56-3

EPAPLT0838B03

TCPL best model = hill

Hill slope = 1.4

EC50 = 0.02



2,4-Di-tert-butylphenol

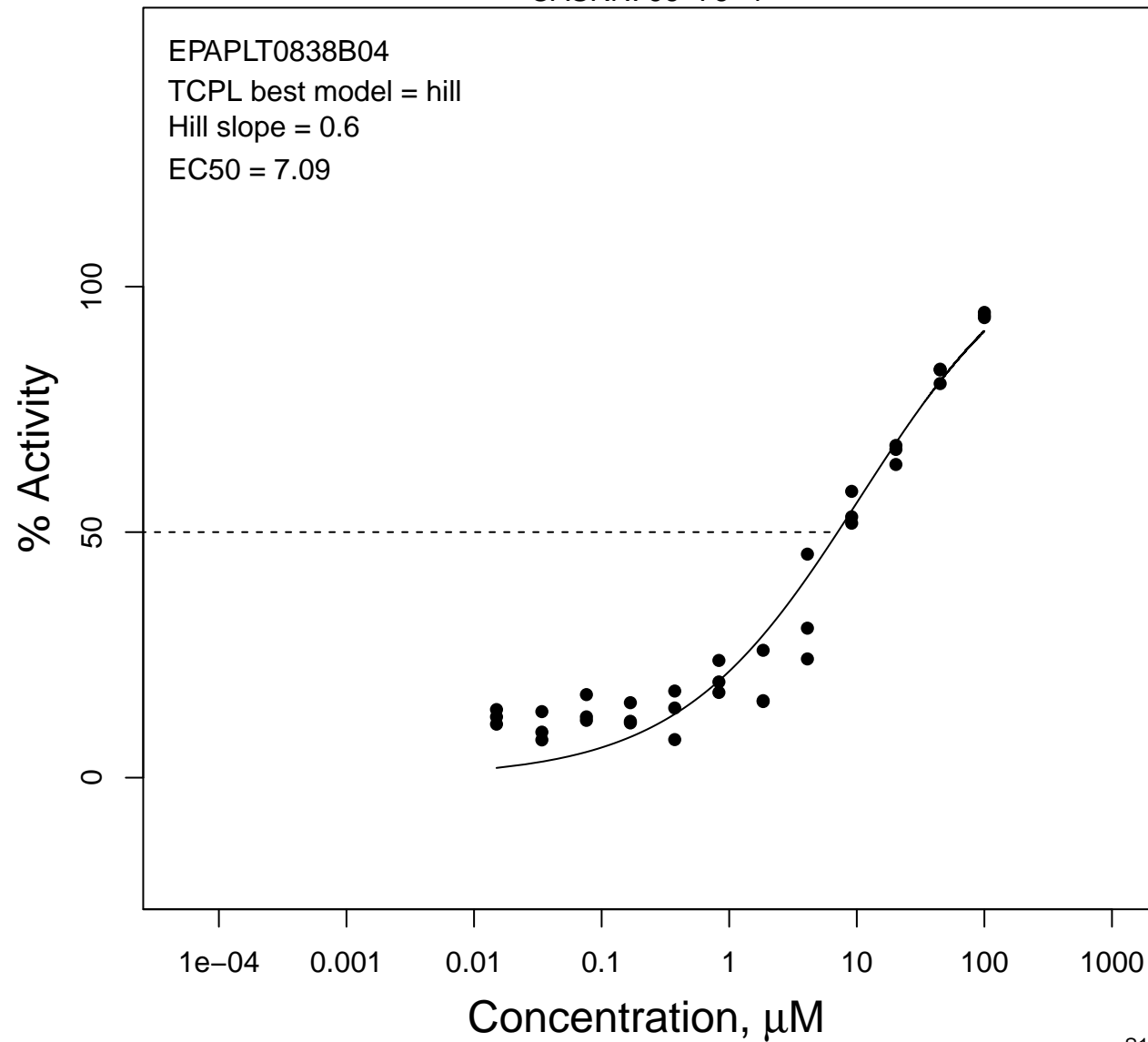
CASRN: 96-76-4

EPAPLT0838B04

TCPL best model = hill

Hill slope = 0.6

EC50 = 7.09



2,4-Dihydroxybenzophenone

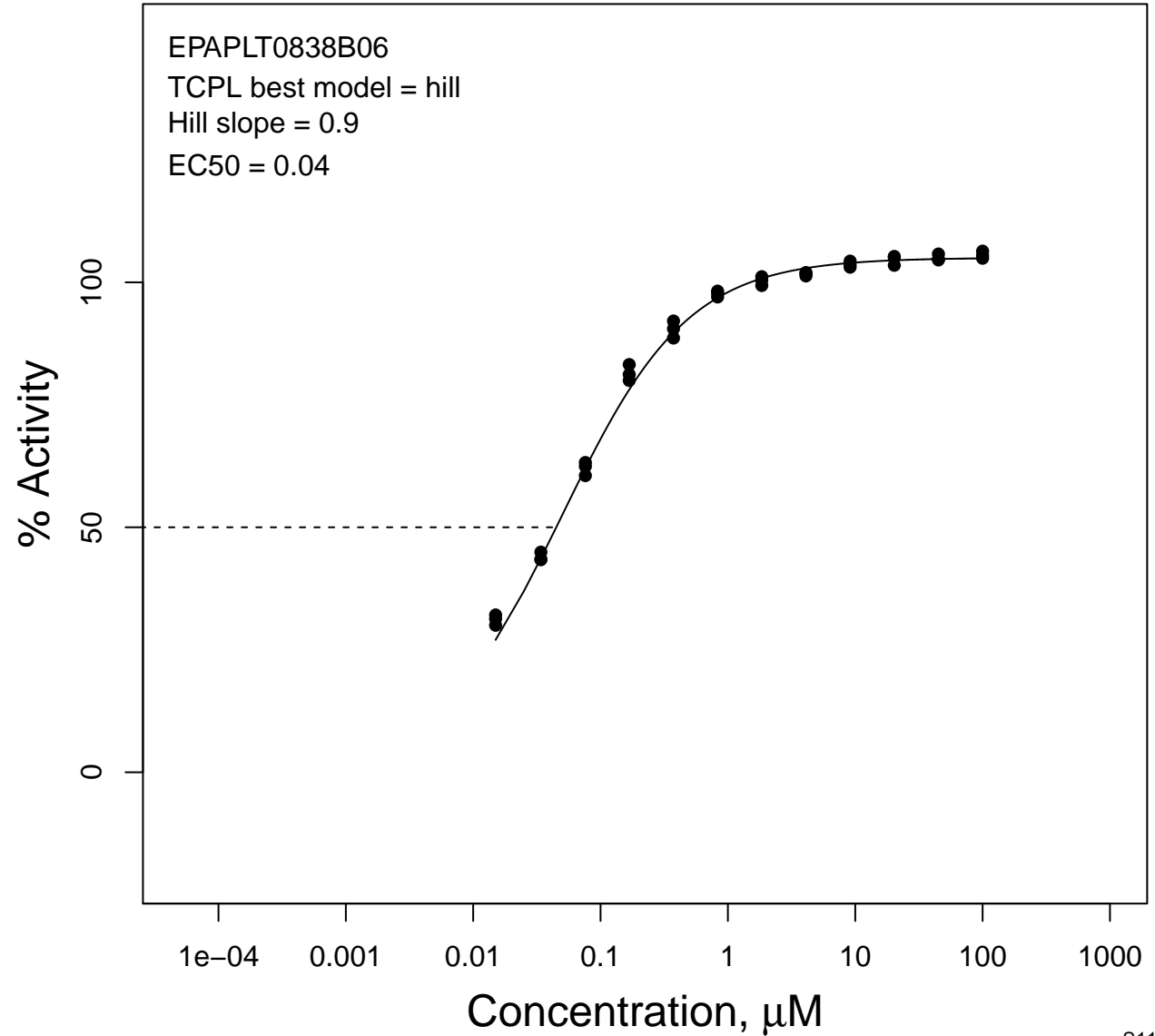
CASRN: 131-56-6

EPAPLT0838B06

TCPL best model = hill

Hill slope = 0.9

EC50 = 0.04



C.I. Disperse Black 6

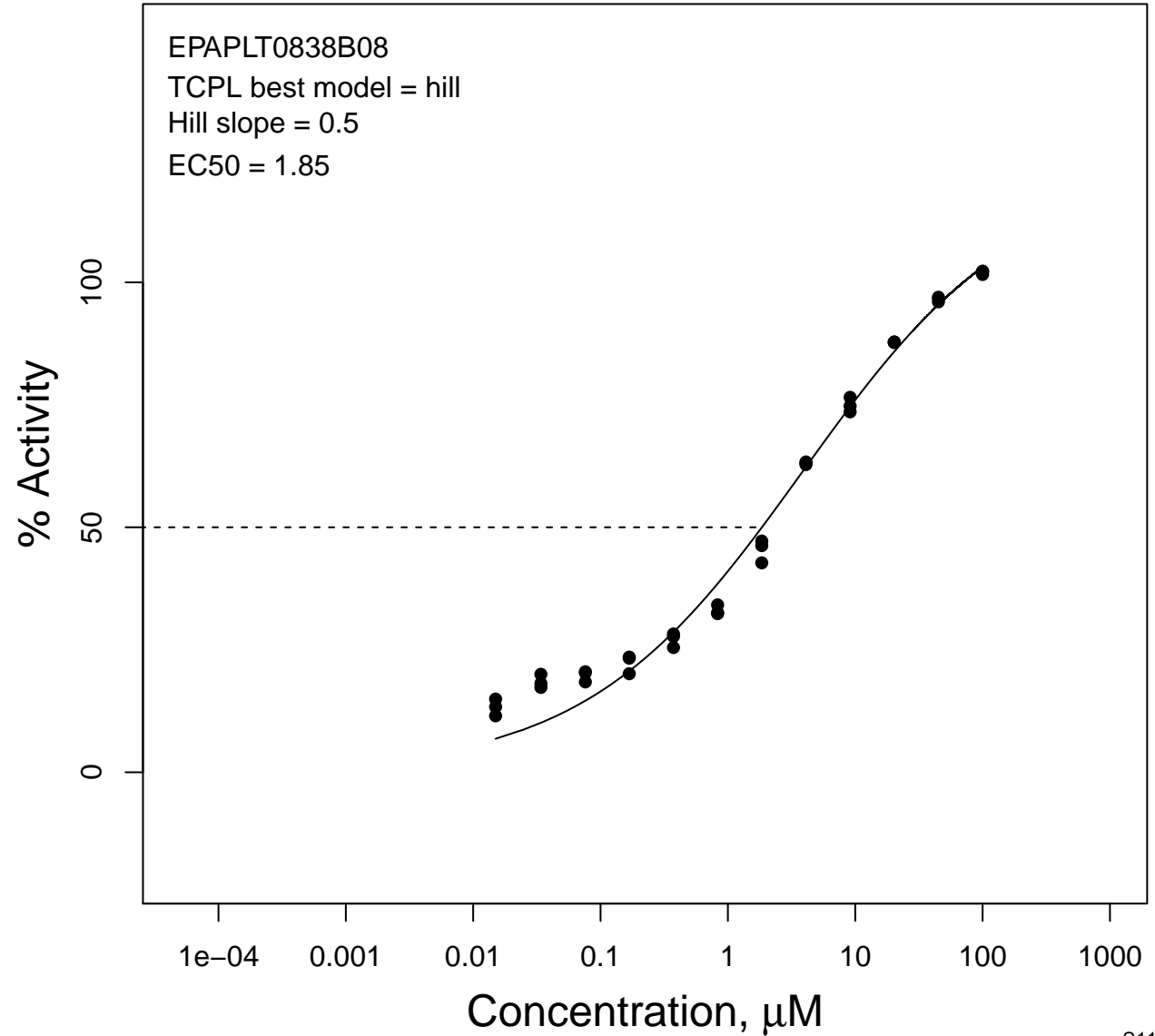
CASRN: 119-90-4

EPAPLT0838B08

TCPL best model = hill

Hill slope = 0.5

EC50 = 1.85



Iopanoic acid

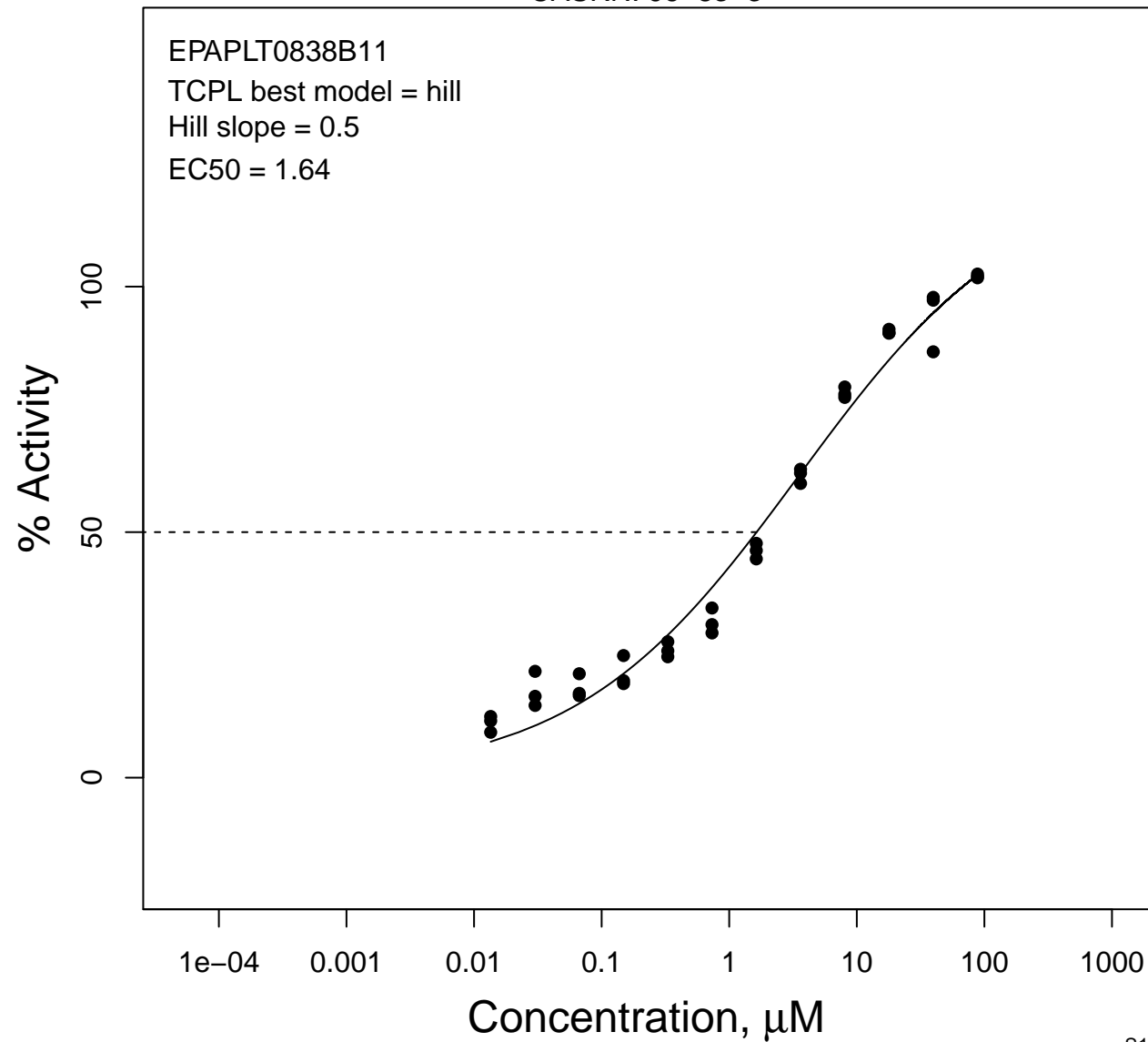
CASRN: 96-83-3

EPAPLT0838B11

TCPL best model = hill

Hill slope = 0.5

EC50 = 1.64



N-Dodecanoyl-N-methylglycine

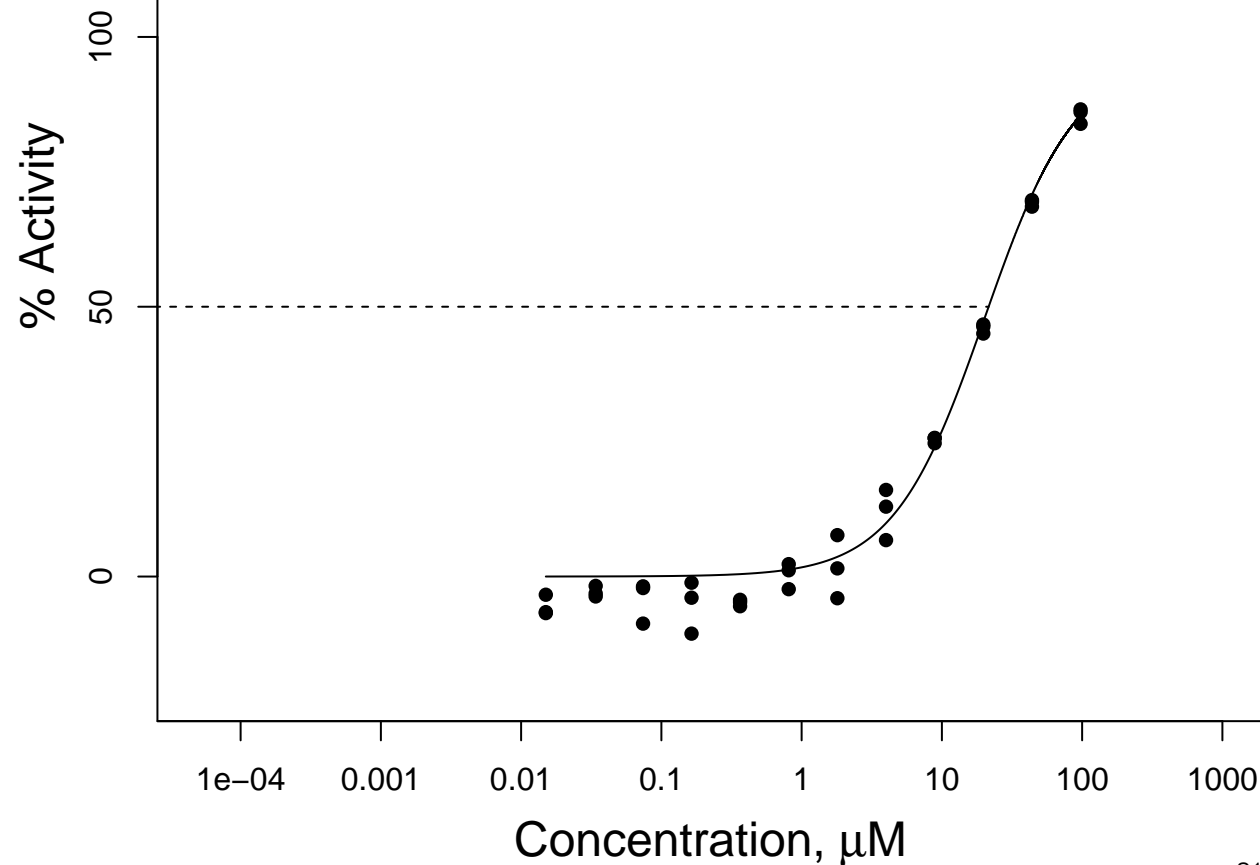
CASRN: 97-78-9

EPAPLT0838C01

TCPL best model = hill

Hill slope = 1.3

EC50 = 21.54



Oleic acid

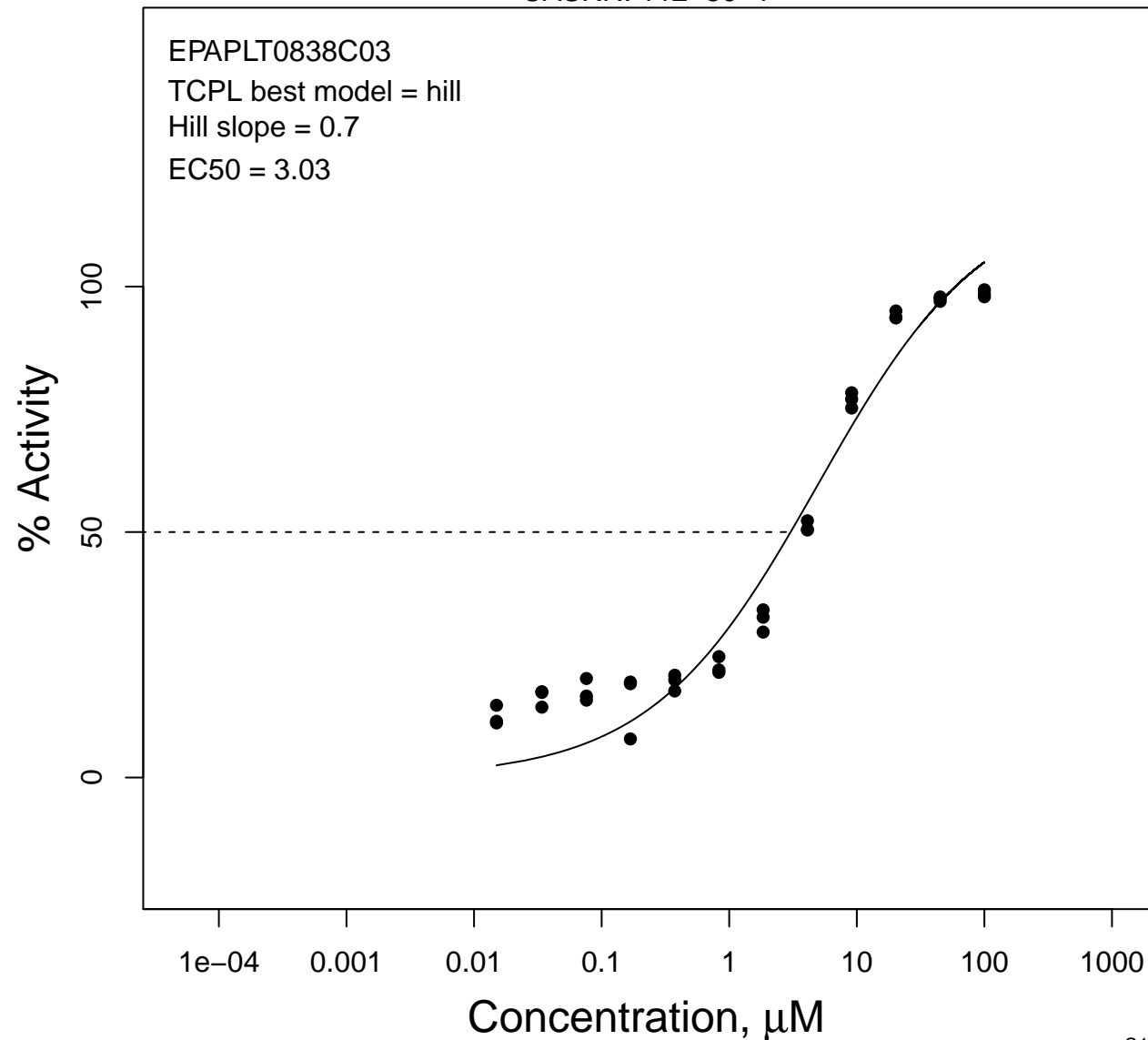
CASRN: 112-80-1

EPAPLT0838C03

TCPL best model = hill

Hill slope = 0.7

EC50 = 3.03



2,4,6-Tribromophenol

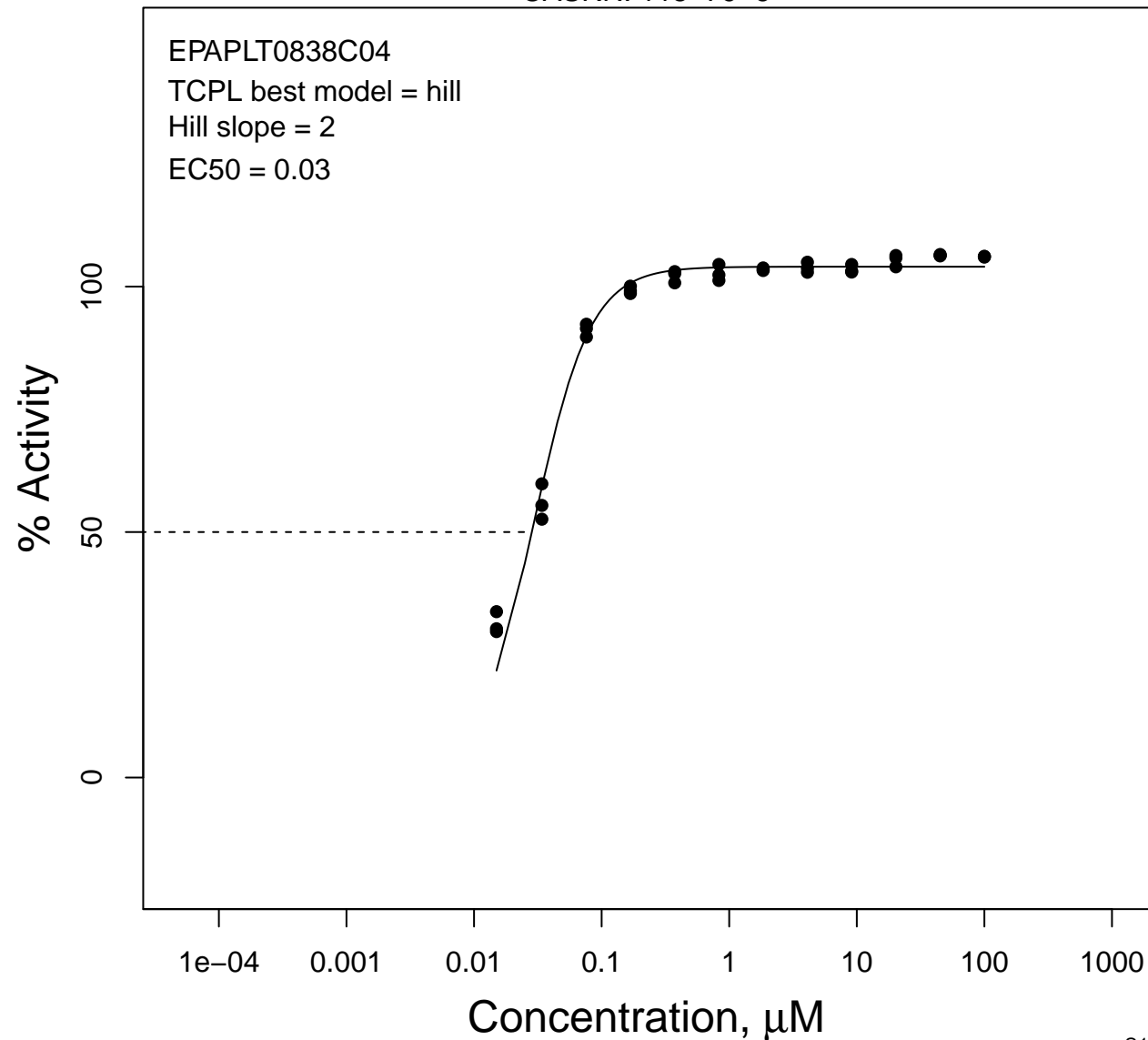
CASRN: 118-79-6

EPAPLT0838C04

TCPL best model = hill

Hill slope = 2

EC50 = 0.03



4-(2-Methylbutan-2-yl)phenol

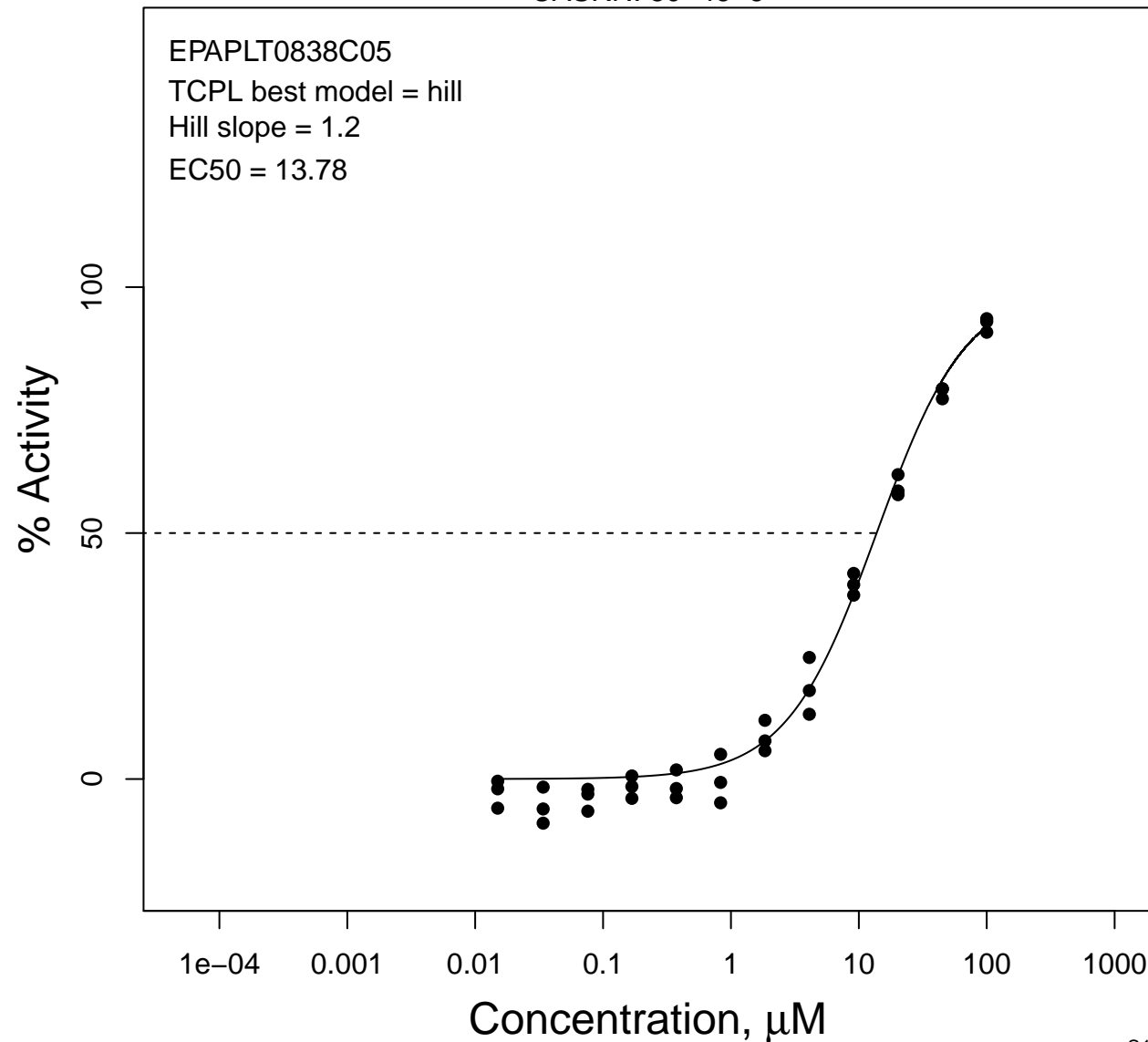
CASRN: 80-46-6

EPAPLT0838C05

TCPL best model = hill

Hill slope = 1.2

EC50 = 13.78



4,6-Dinitro-o-cresol

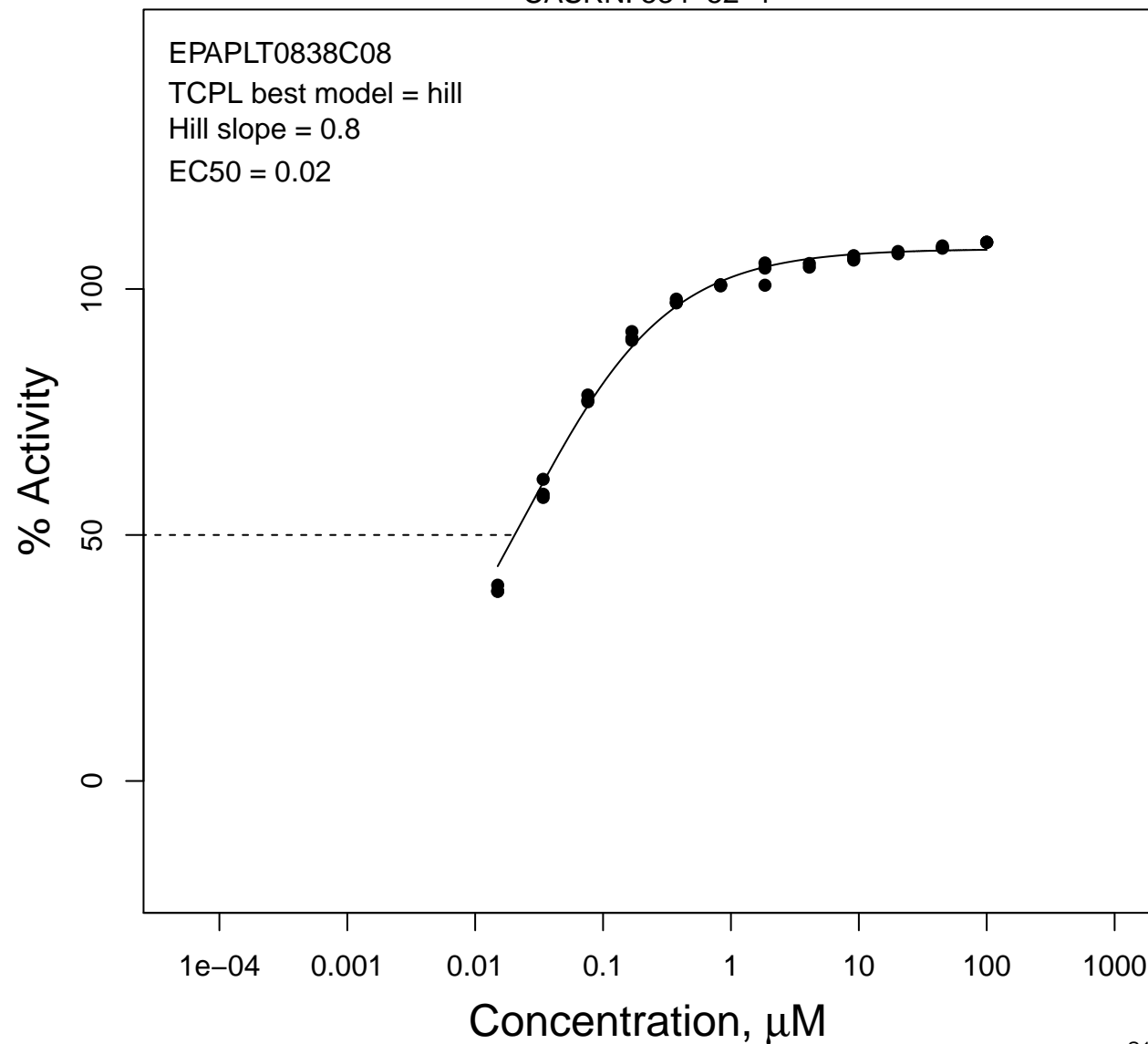
CASRN: 534-52-1

EPAPLT0838C08

TCPL best model = hill

Hill slope = 0.8

EC50 = 0.02



4-Butylphenol

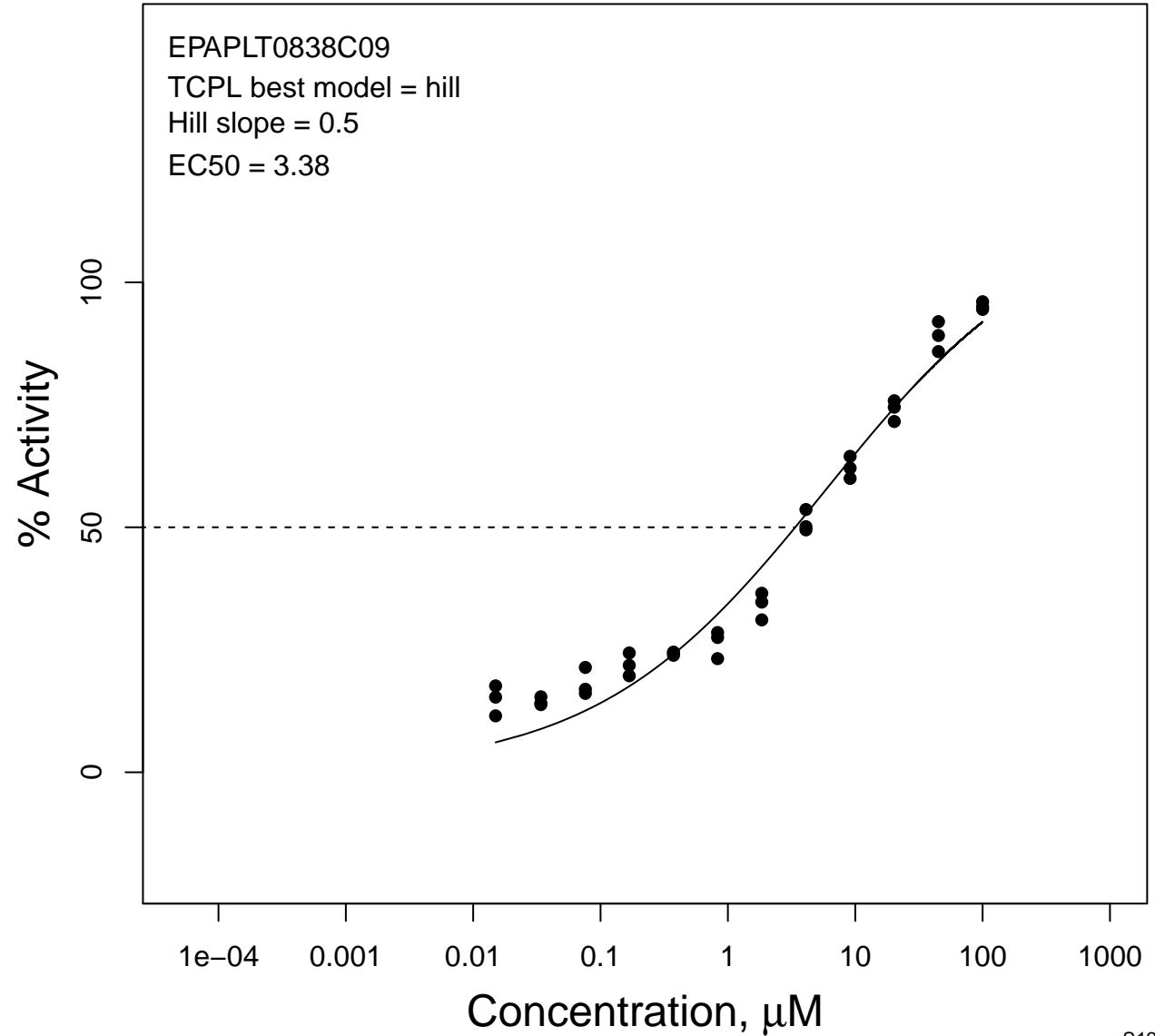
CASRN: 1638-22-8

EPAPLT0838C09

TCPL best model = hill

Hill slope = 0.5

EC50 = 3.38



Kresoxim-methyl

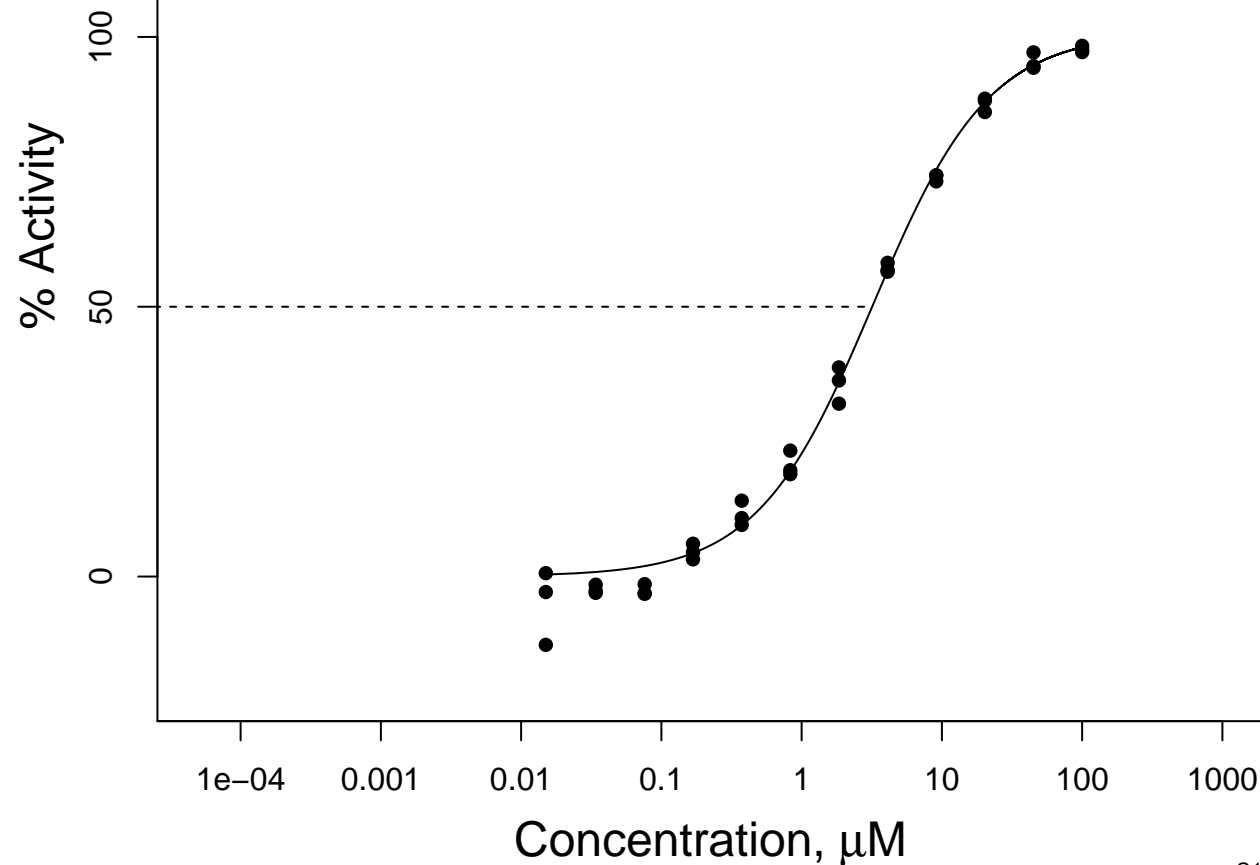
CASRN: 143390-89-0

EPAPLT0838C10

TCPL best model = hill

Hill slope = 1

EC50 = 3.18



PharmaGSID_48505

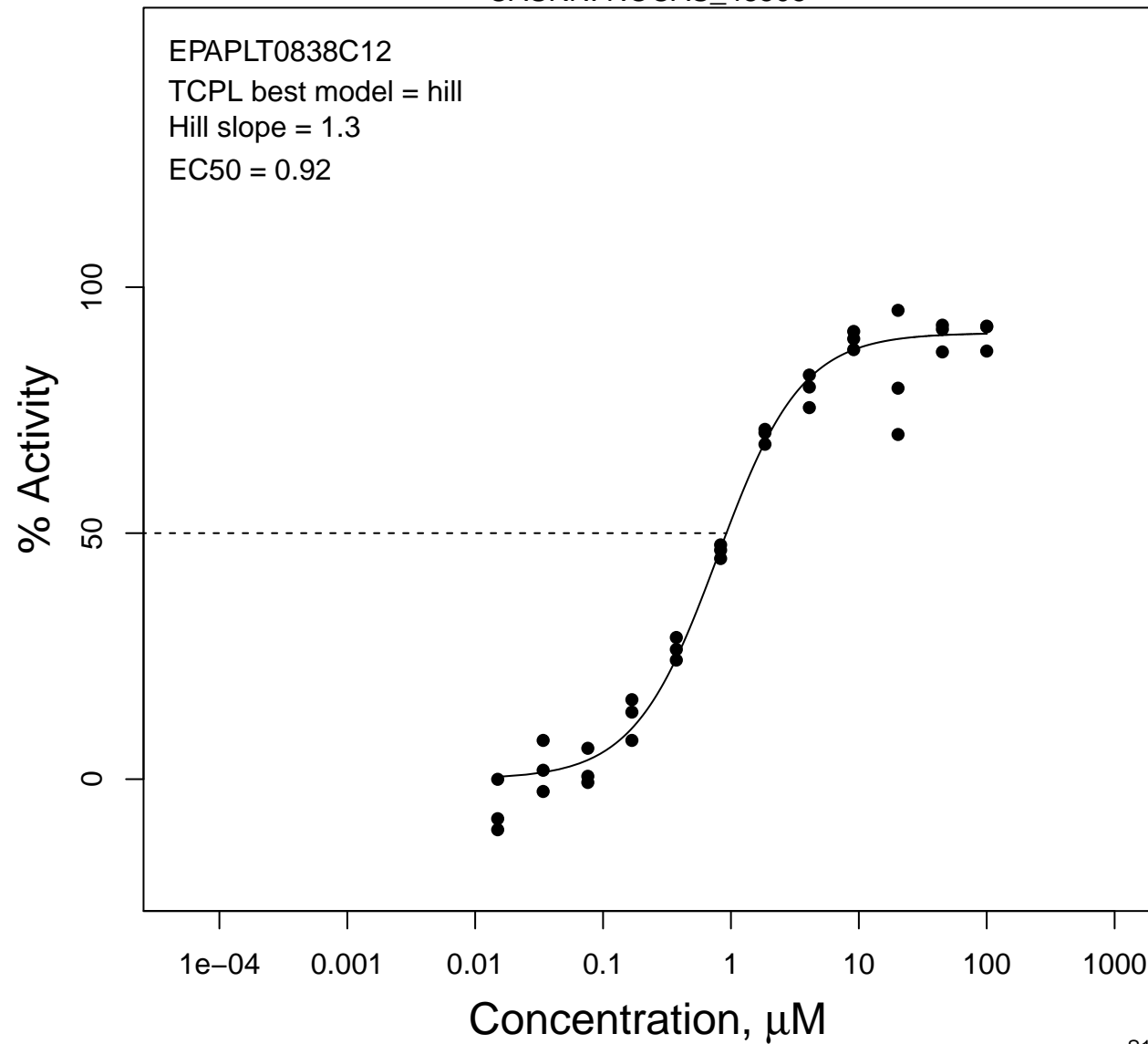
CASRN: NOCAS_48505

EPAPLT0838C12

TCPL best model = hill

Hill slope = 1.3

EC50 = 0.92



4,5-Dichloro-3H-1,2-dithiol-3-one

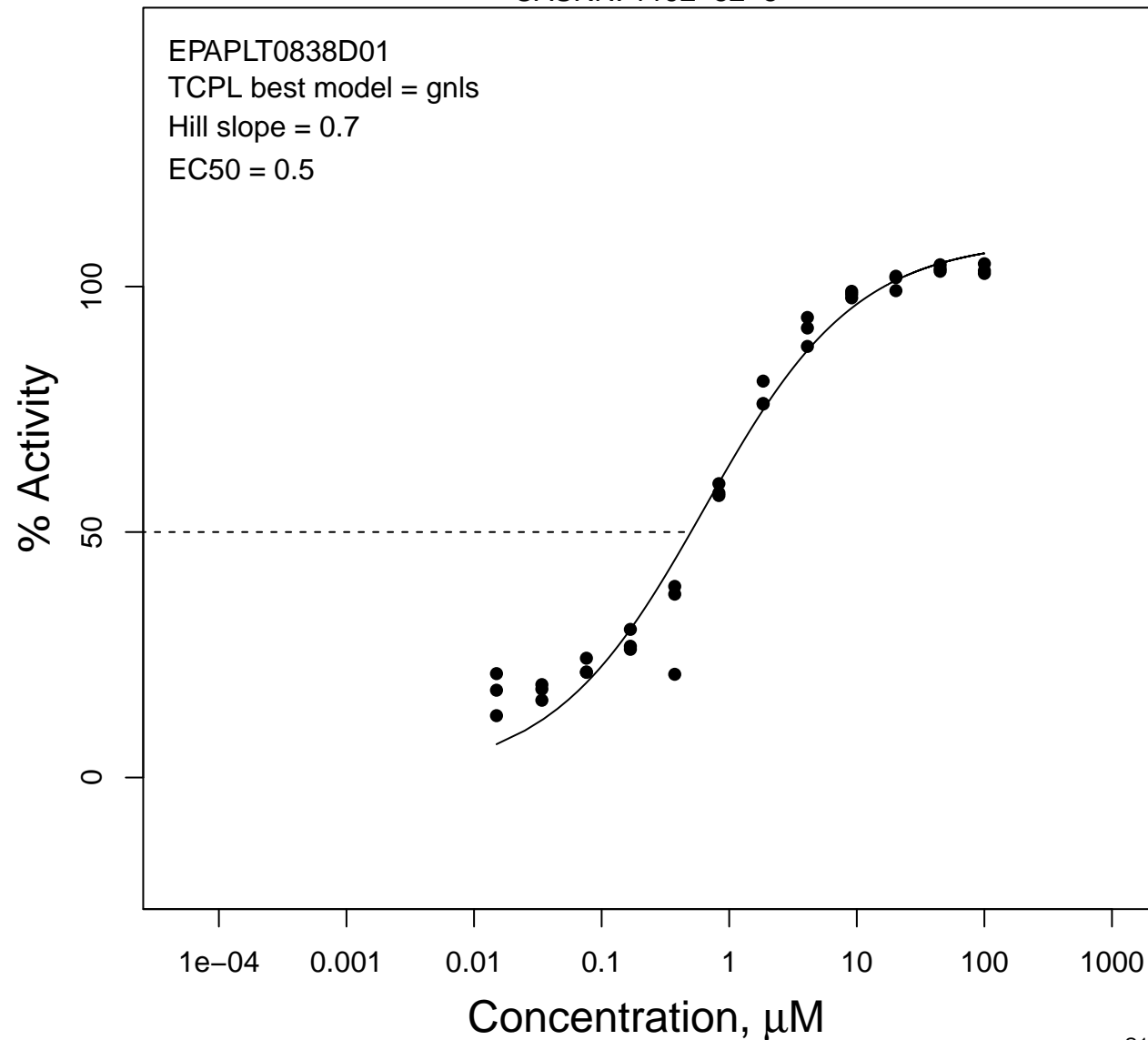
CASRN: 1192-52-5

EPAPLT0838D01

TCPL best model = gnls

Hill slope = 0.7

EC50 = 0.5



N-Nitrosodiphenylamine

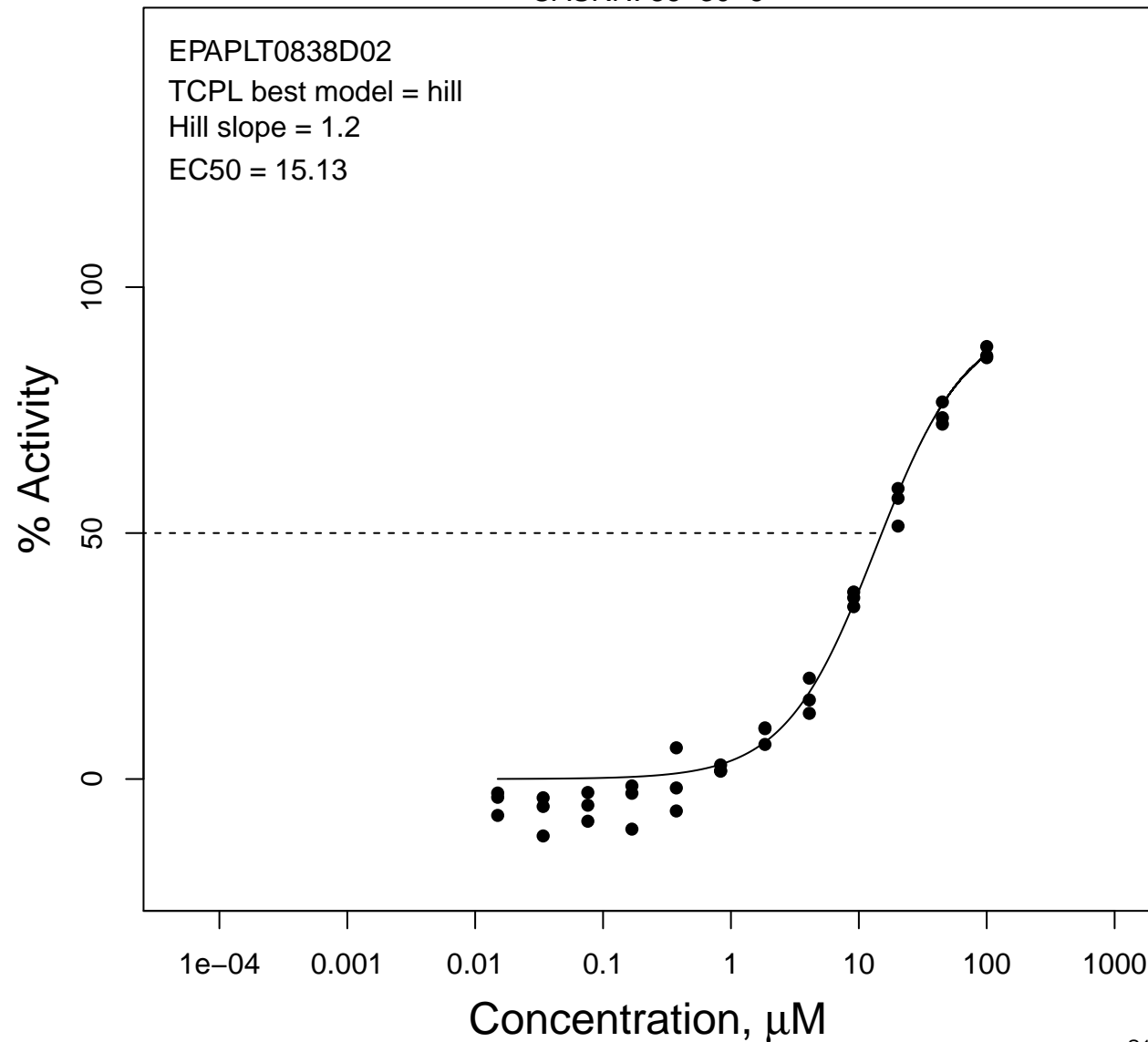
CASRN: 86-30-6

EPAPLT0838D02

TCPL best model = hill

Hill slope = 1.2

EC50 = 15.13



Perfluorohexanoic acid

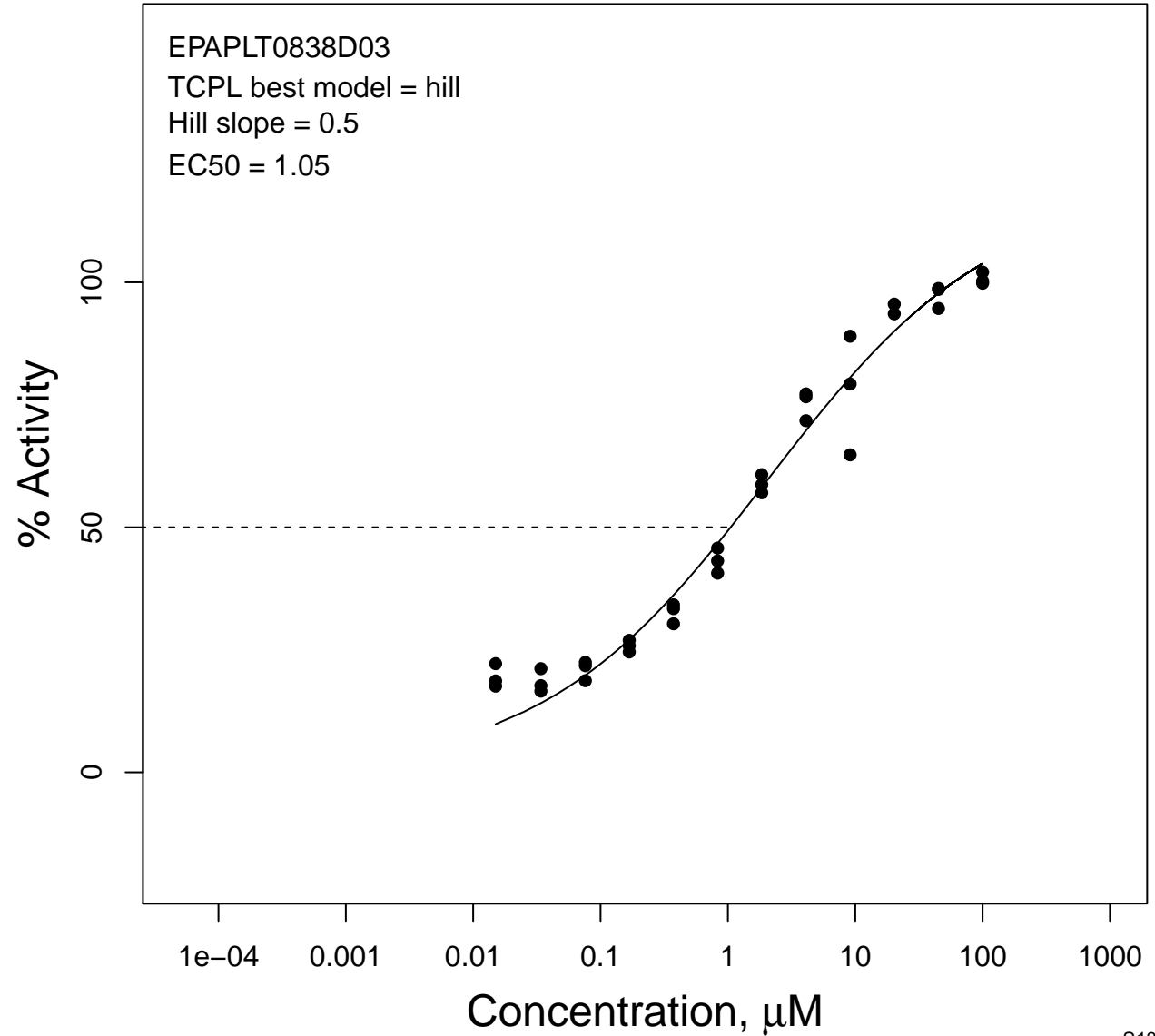
CASRN: 307-24-4

EPAPLT0838D03

TCPL best model = hill

Hill slope = 0.5

EC50 = 1.05



Diisodecylphenyl phosphite

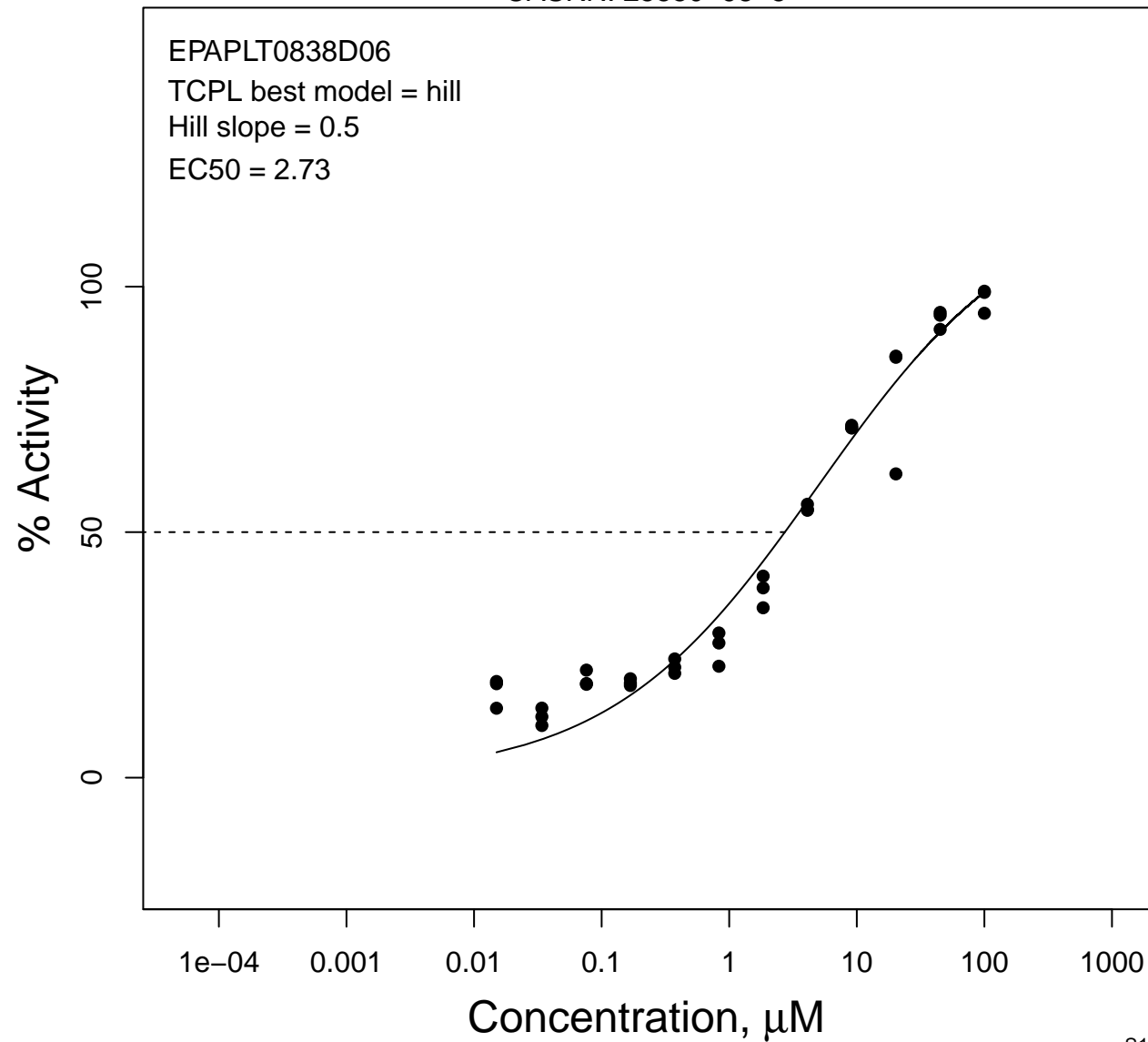
CASRN: 25550-98-5

EPAPLT0838D06

TCPL best model = hill

Hill slope = 0.5

EC50 = 2.73



Sodium nonyl sulfate

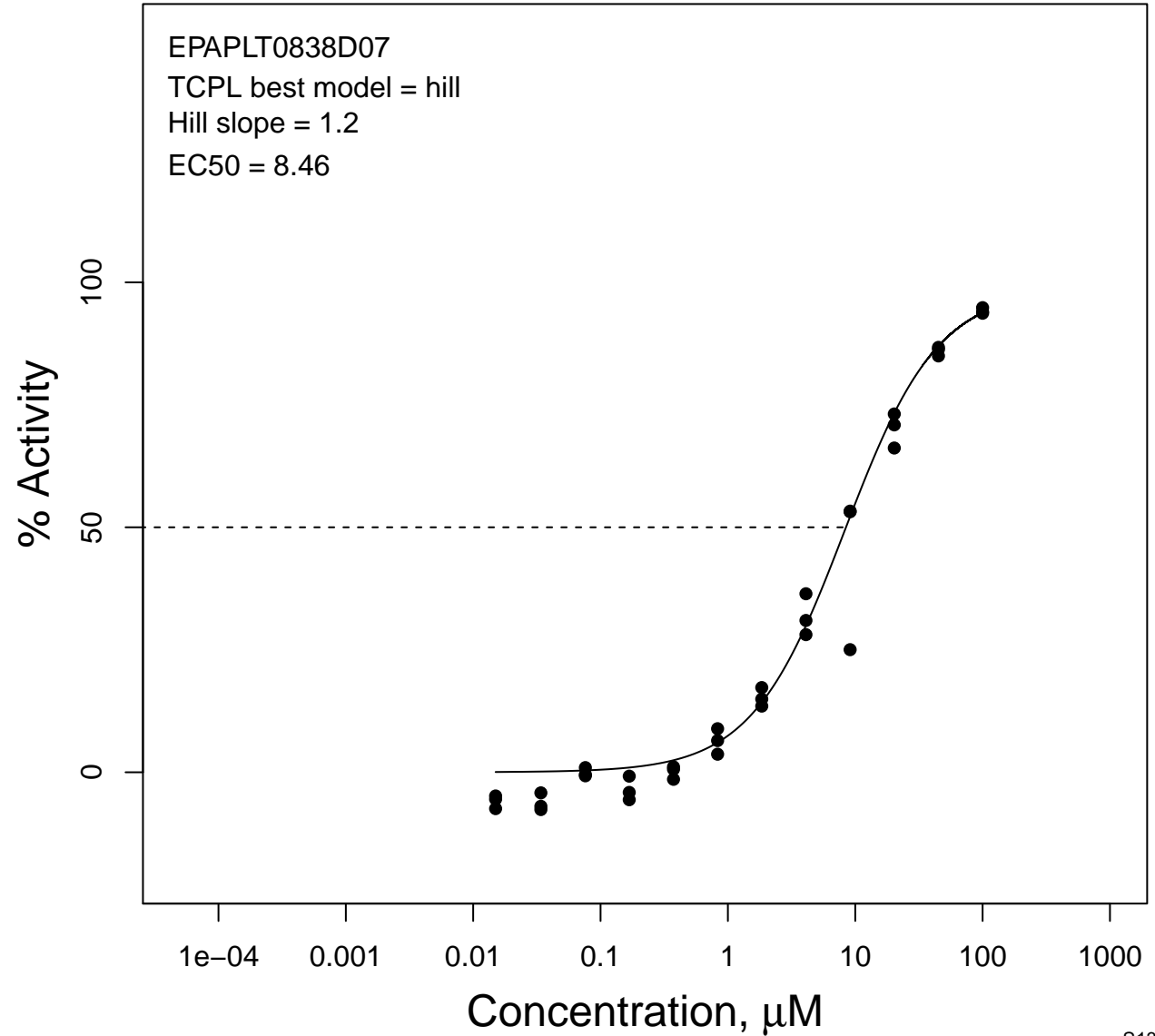
CASRN: 1072-15-7

EPAPLT0838D07

TCPL best model = hill

Hill slope = 1.2

EC50 = 8.46



Butylnaphthalenesulfonic acid sodium salt

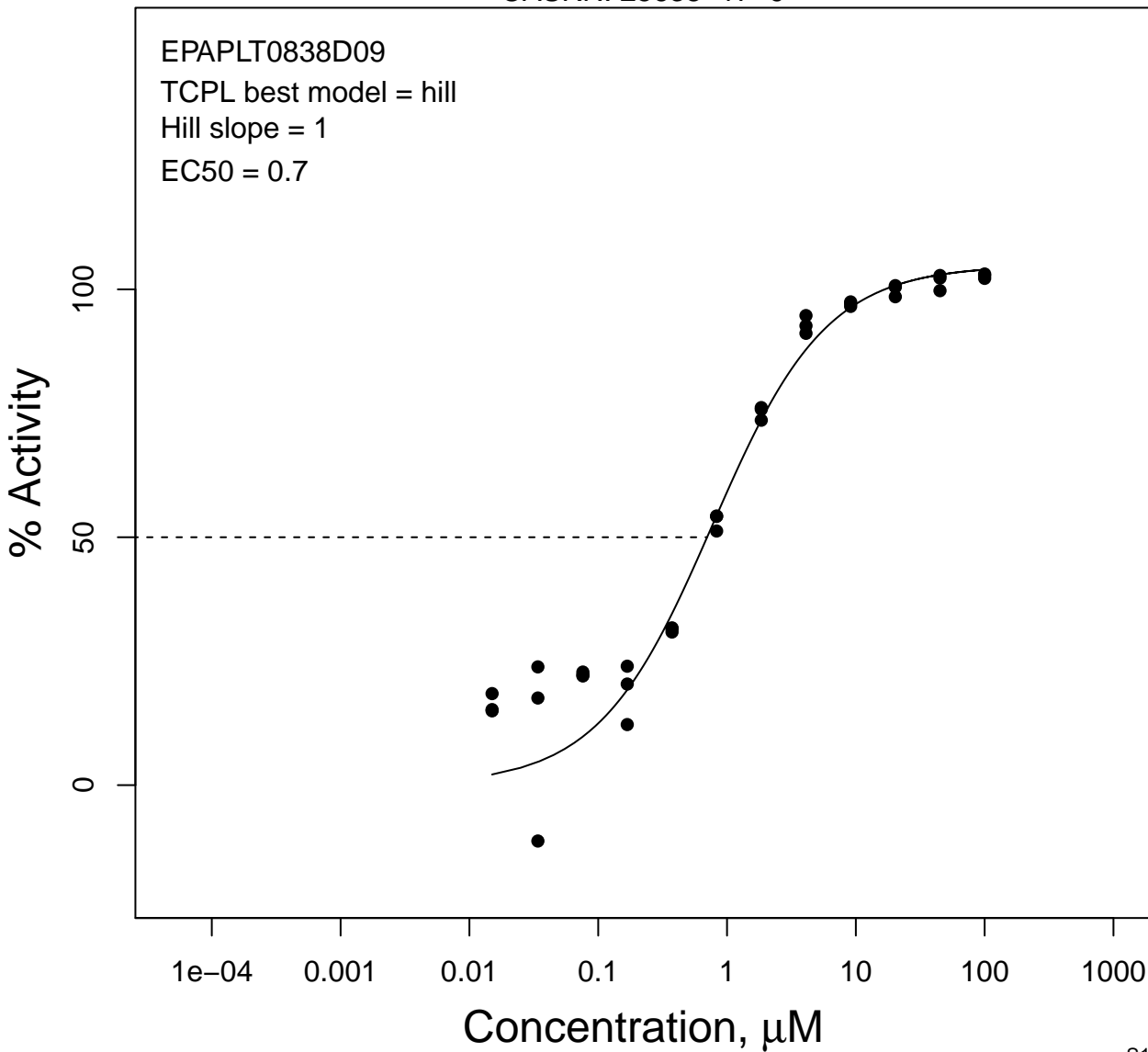
CASRN: 25638-17-9

EPAPLT0838D09

TCPL best model = hill

Hill slope = 1

EC50 = 0.7



Phenylparaben

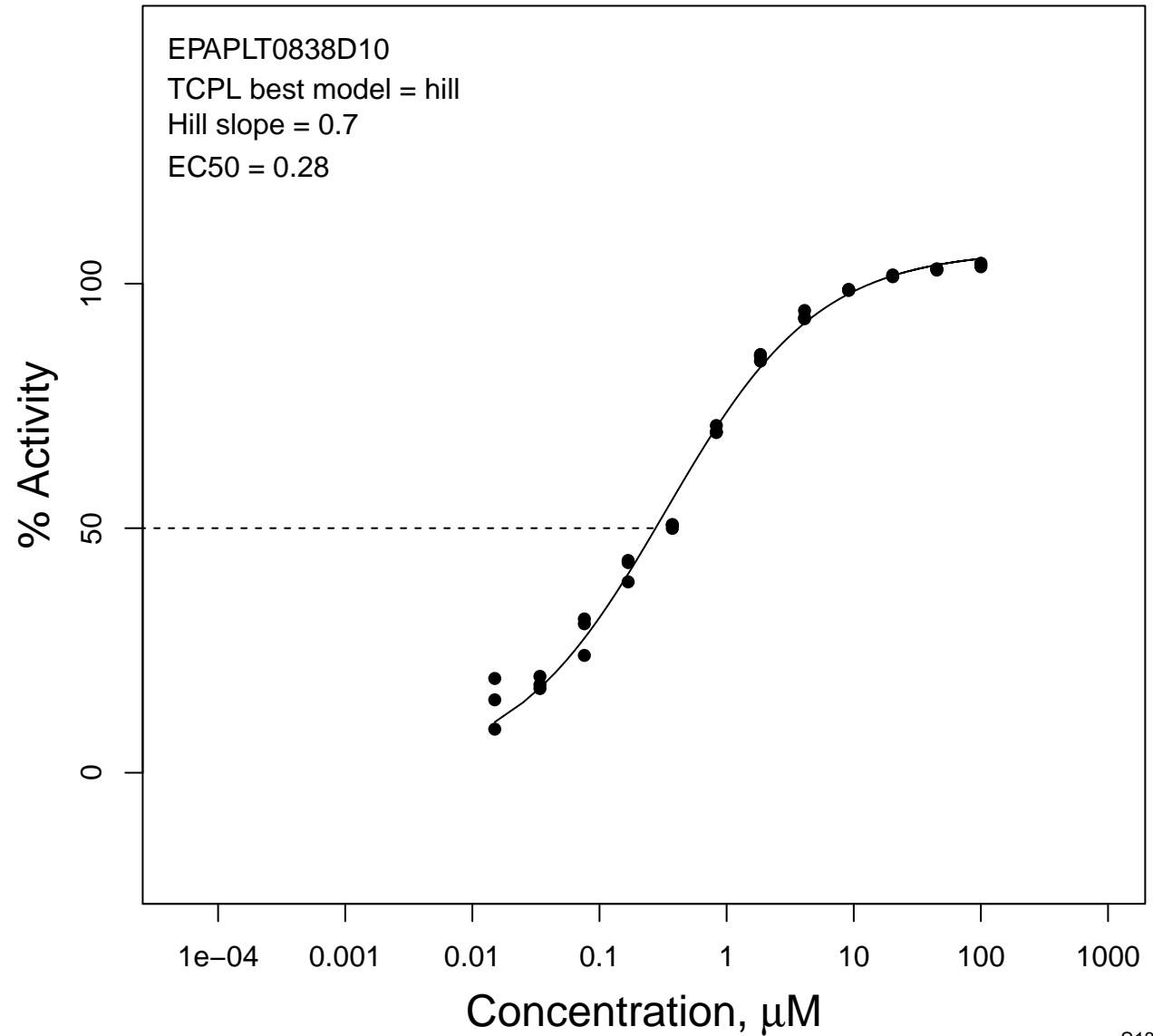
CASRN: 17696-62-7

EPAPLT0838D10

TCPL best model = hill

Hill slope = 0.7

EC50 = 0.28



4,4',4''-Ethane-1,1,1-triyltriphenol

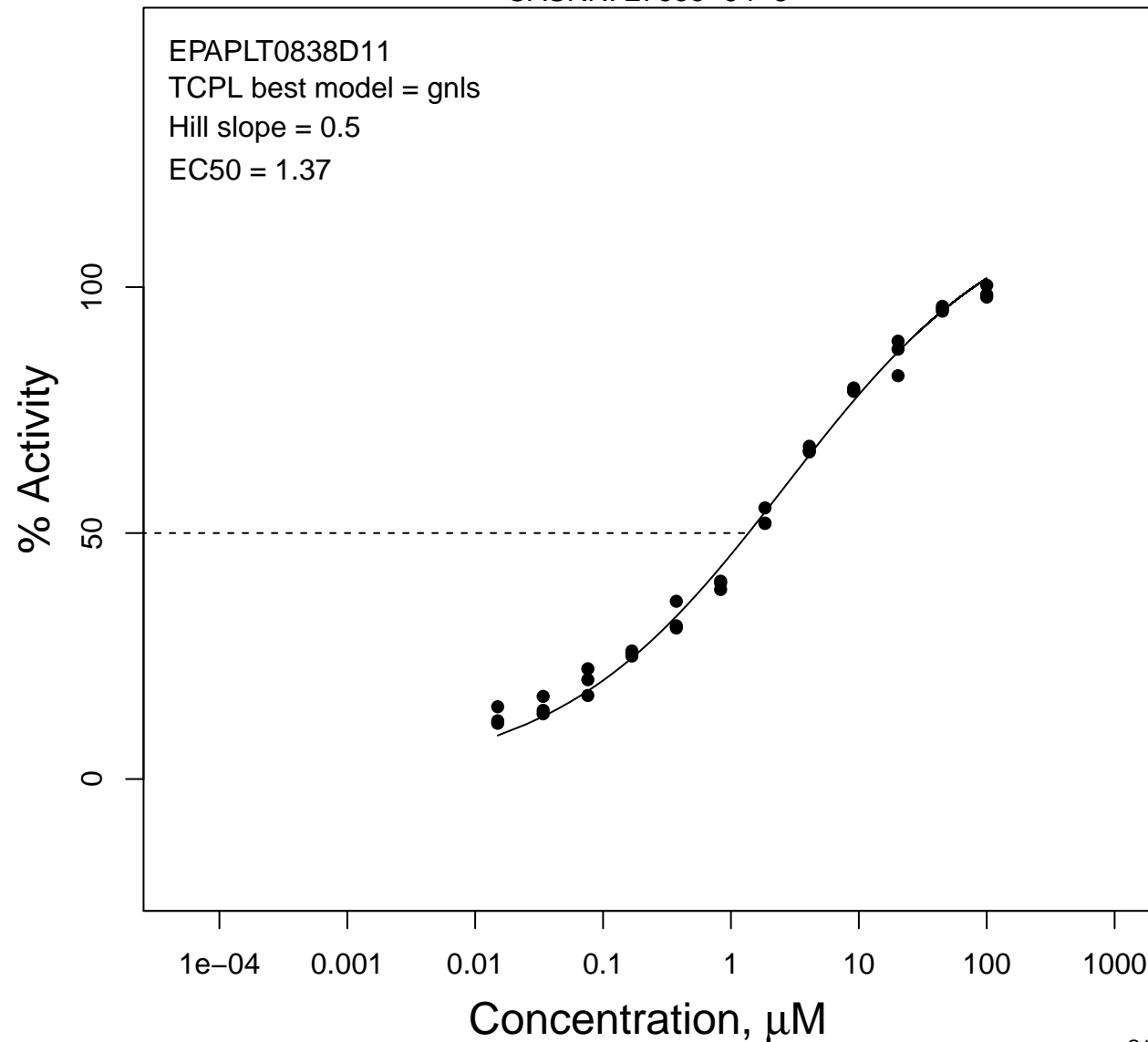
CASRN: 27955-94-8

EPAPLT0838D11

TCPL best model = gnls

Hill slope = 0.5

EC50 = 1.37



C.I. Acid Orange 10

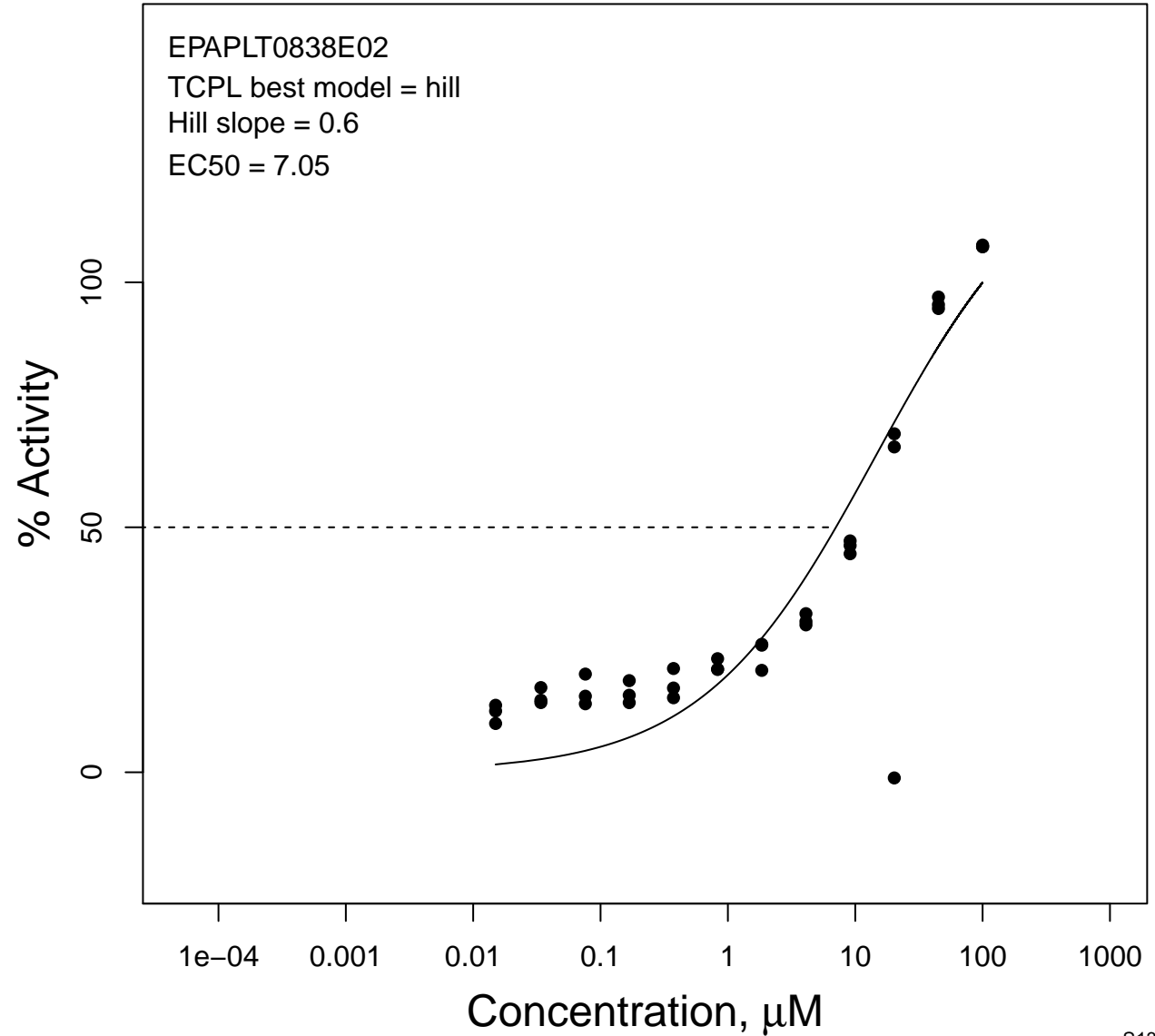
CASRN: 1936-15-8

EPAPLT0838E02

TCPL best model = hill

Hill slope = 0.6

EC50 = 7.05



Ethion

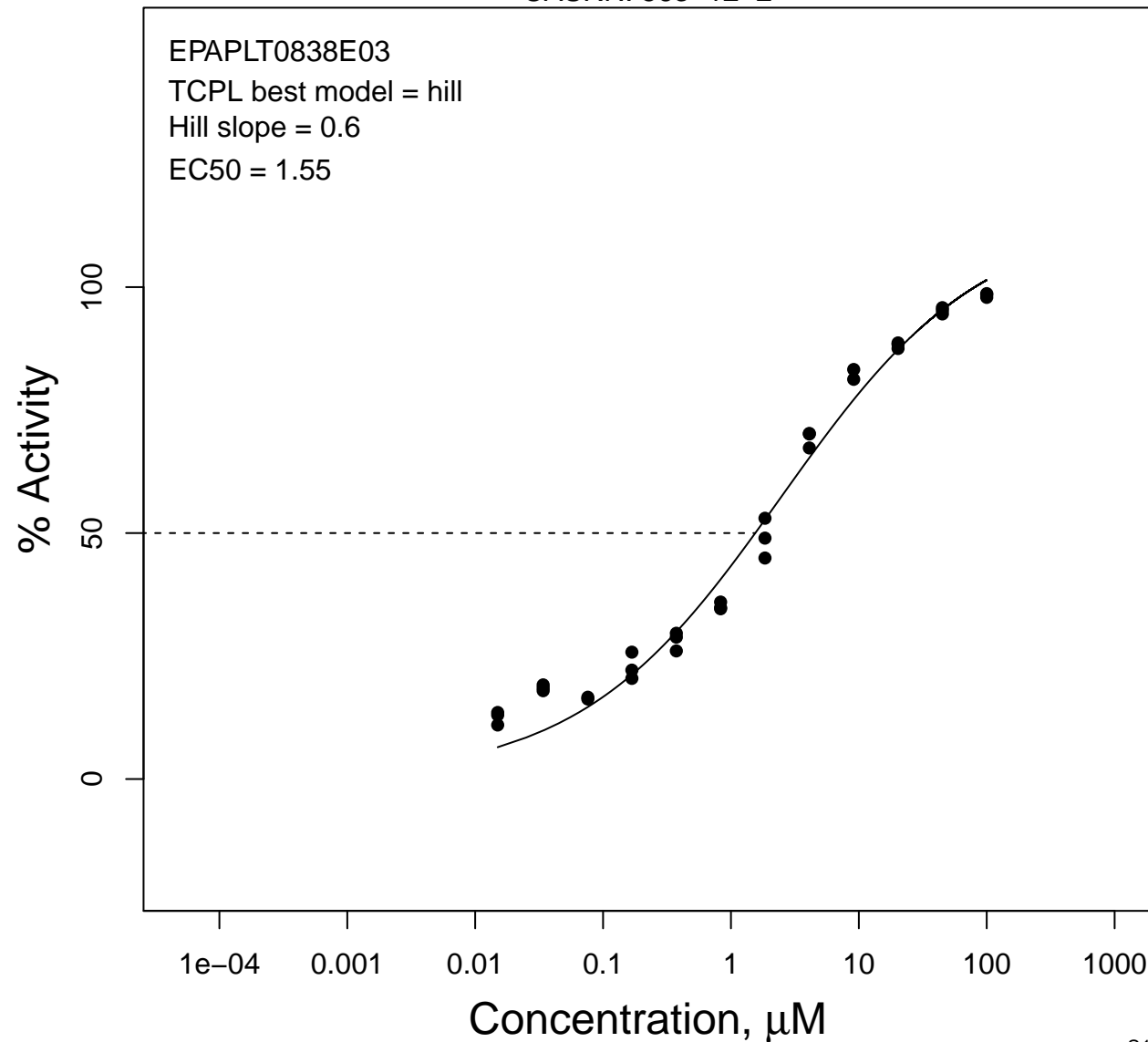
CASRN: 563-12-2

EPAPLT0838E03

TCPL best model = hill

Hill slope = 0.6

EC50 = 1.55



Tripropylene glycol monomethyl ether

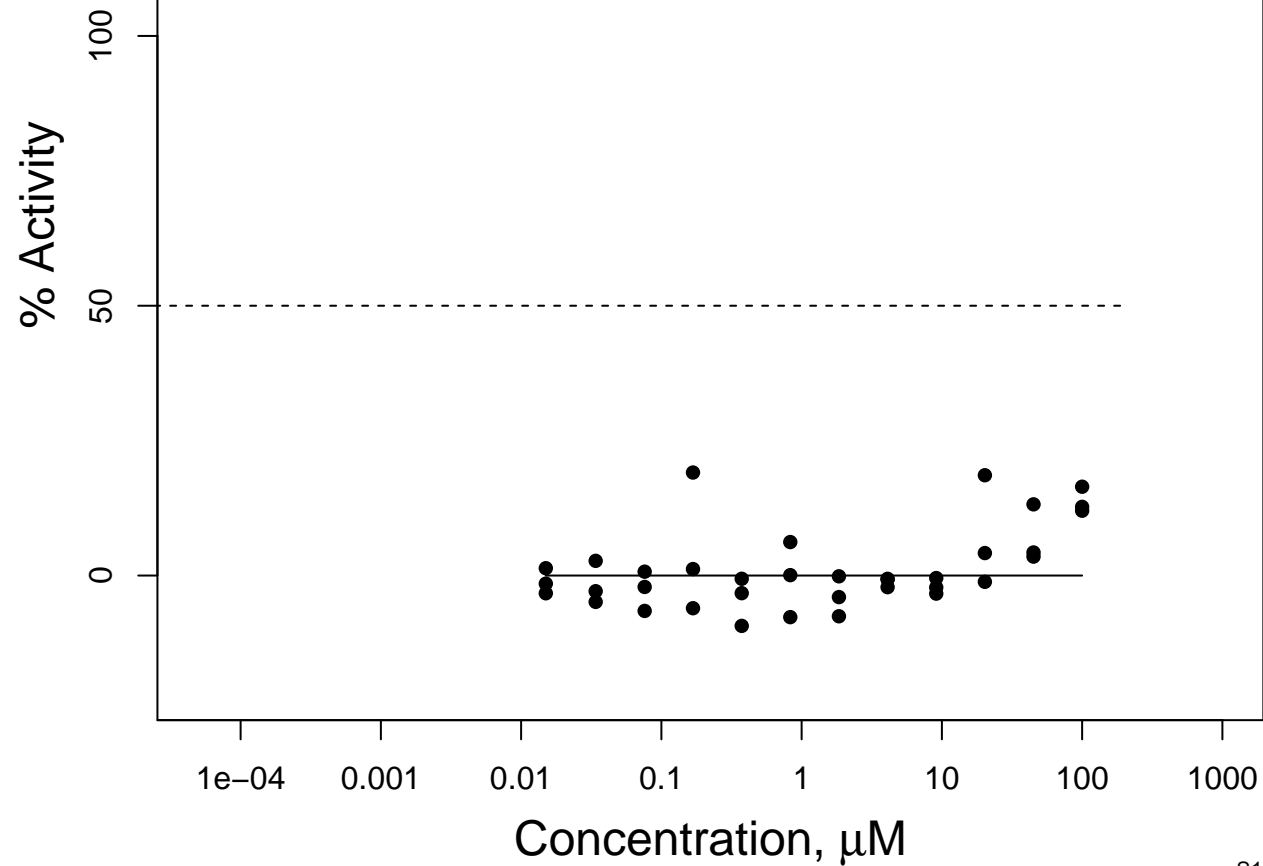
CASRN: 25498-49-1

EPAPLT0838E05

TCPL best model = cnst

Hill slope = NA

EC50 = NA



C.I. Acid Red 114

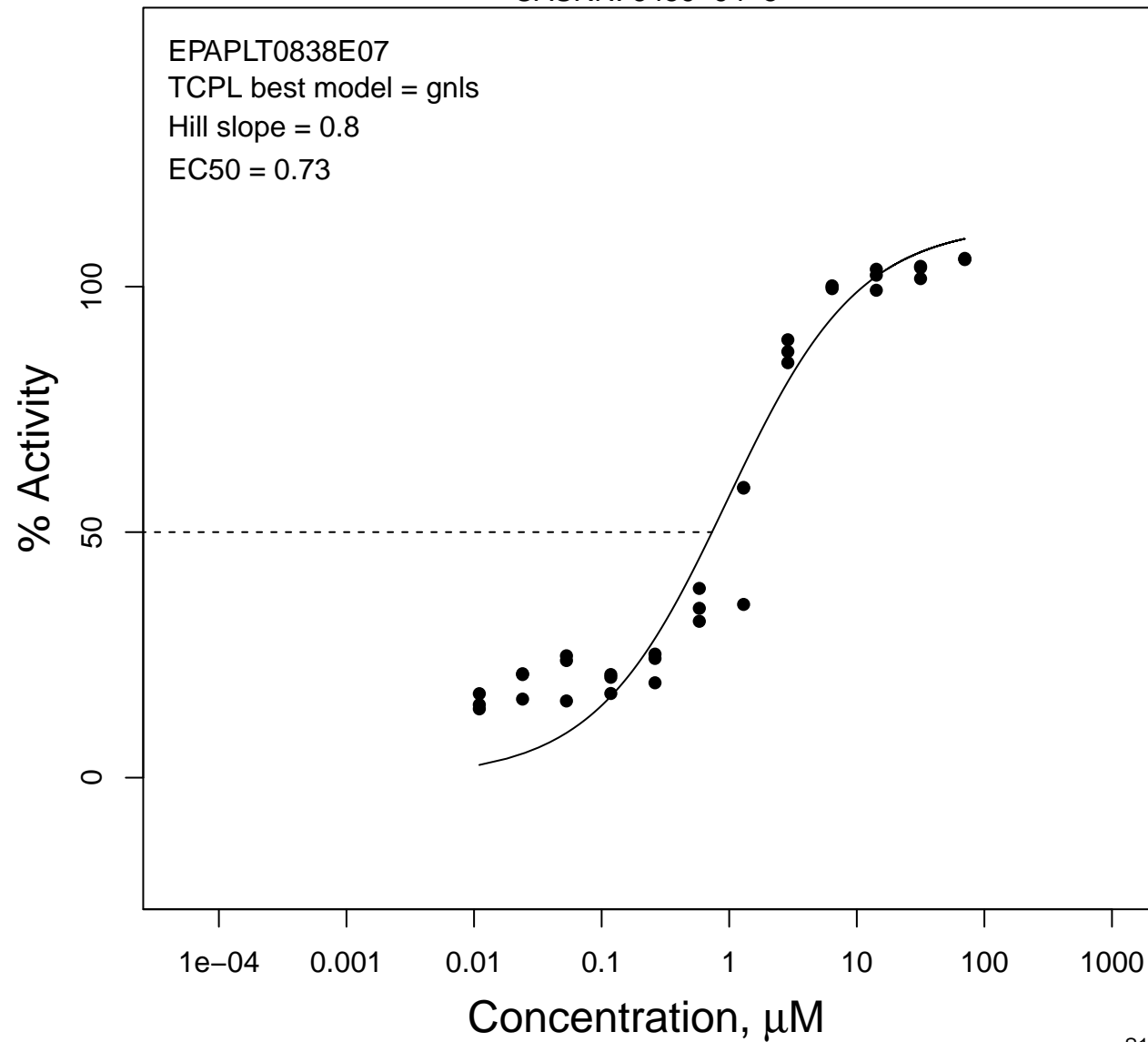
CASRN: 6459-94-5

EPAPLT0838E07

TCPL best model = gnls

Hill slope = 0.8

EC50 = 0.73



C.I. Acid Yellow 17, disodium salt

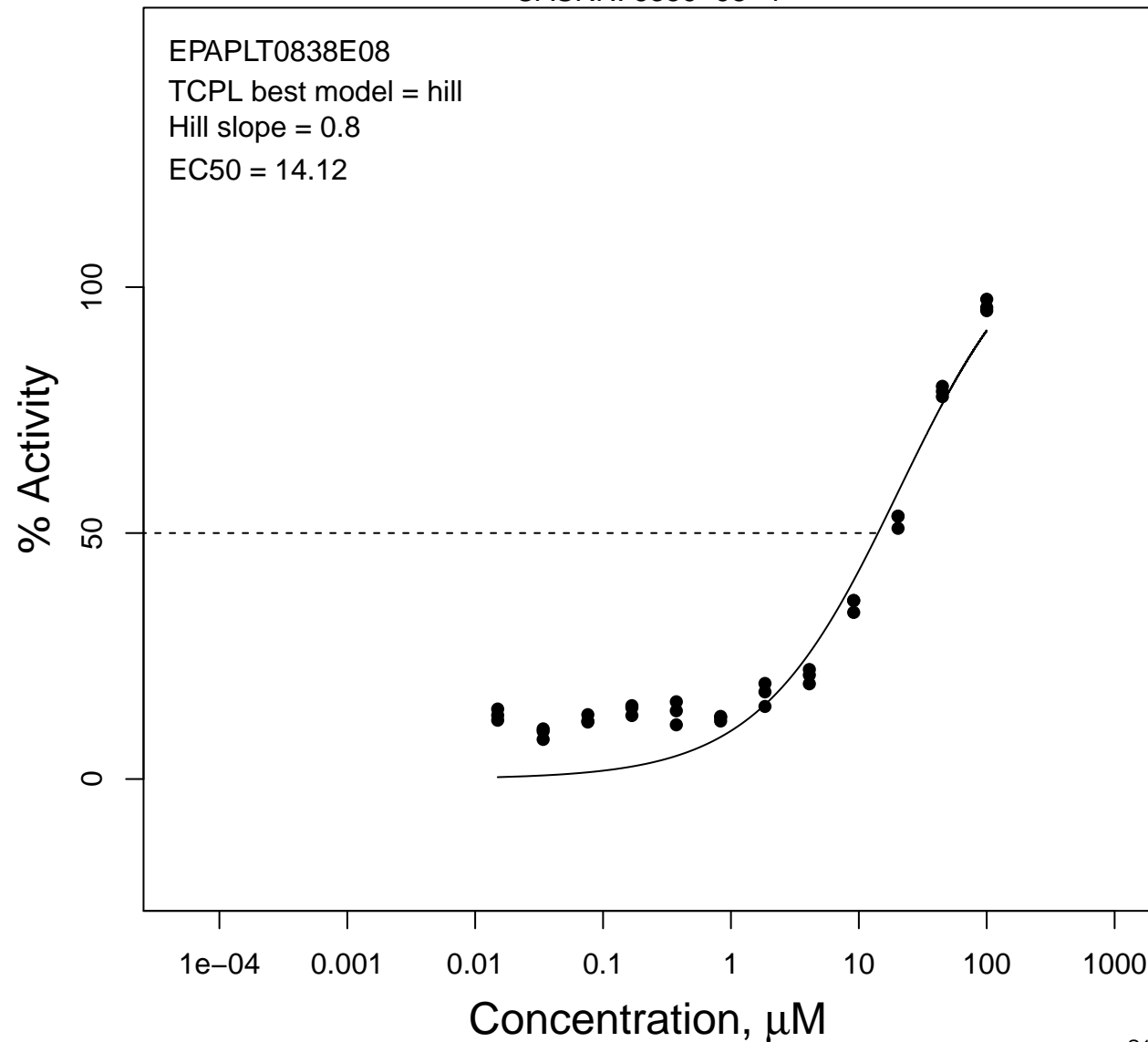
CASRN: 6359-98-4

EPAPLT0838E08

TCPL best model = hill

Hill slope = 0.8

EC50 = 14.12



2-Methoxy-4-nitroaniline

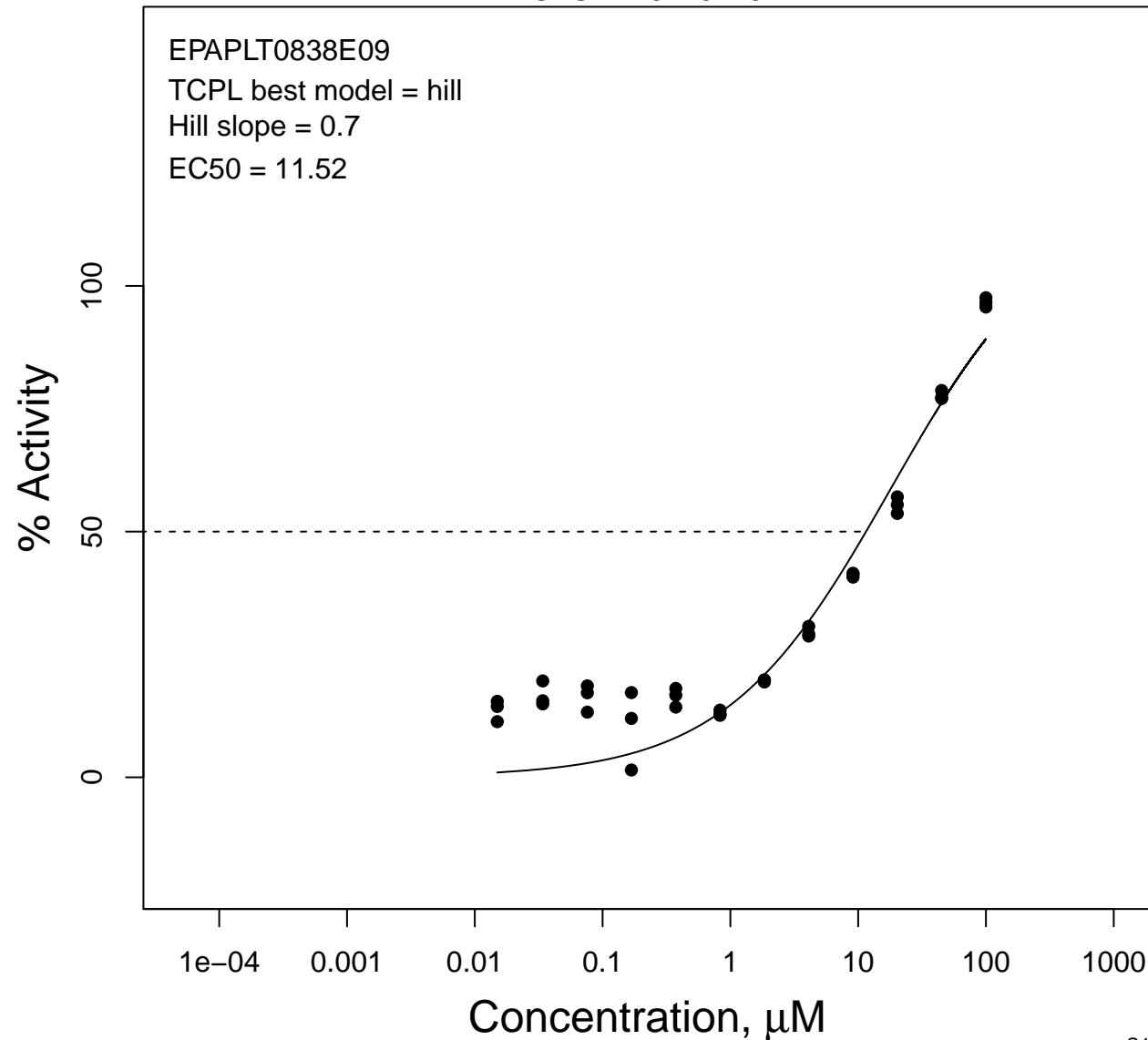
CASRN: 97-52-9

EPAPLT0838E09

TCPL best model = hill

Hill slope = 0.7

EC50 = 11.52



Sodium tridecyl sulfate

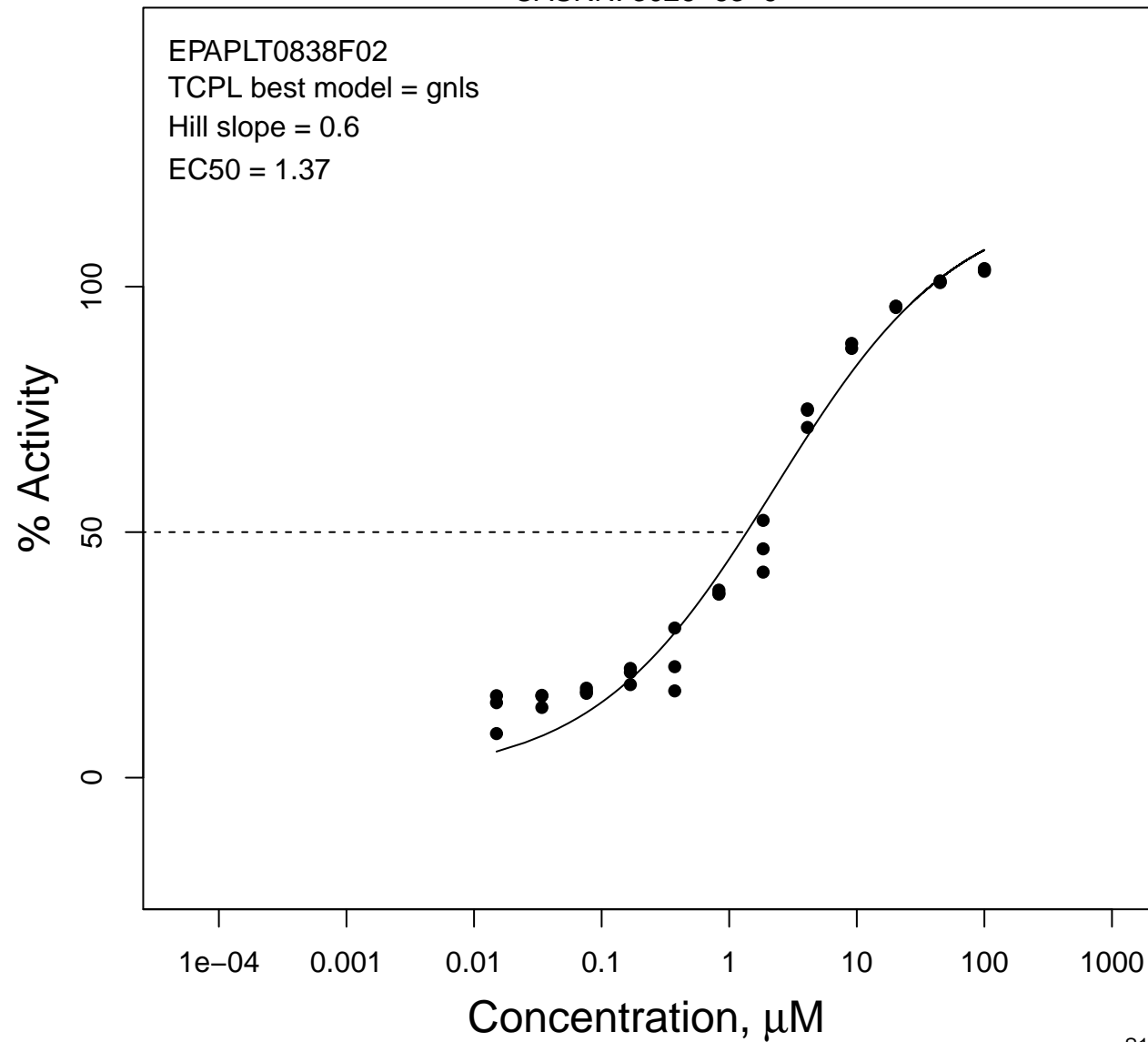
CASRN: 3026-63-9

EPAPLT0838F02

TCPL best model = gnls

Hill slope = 0.6

EC50 = 1.37



CP-634384

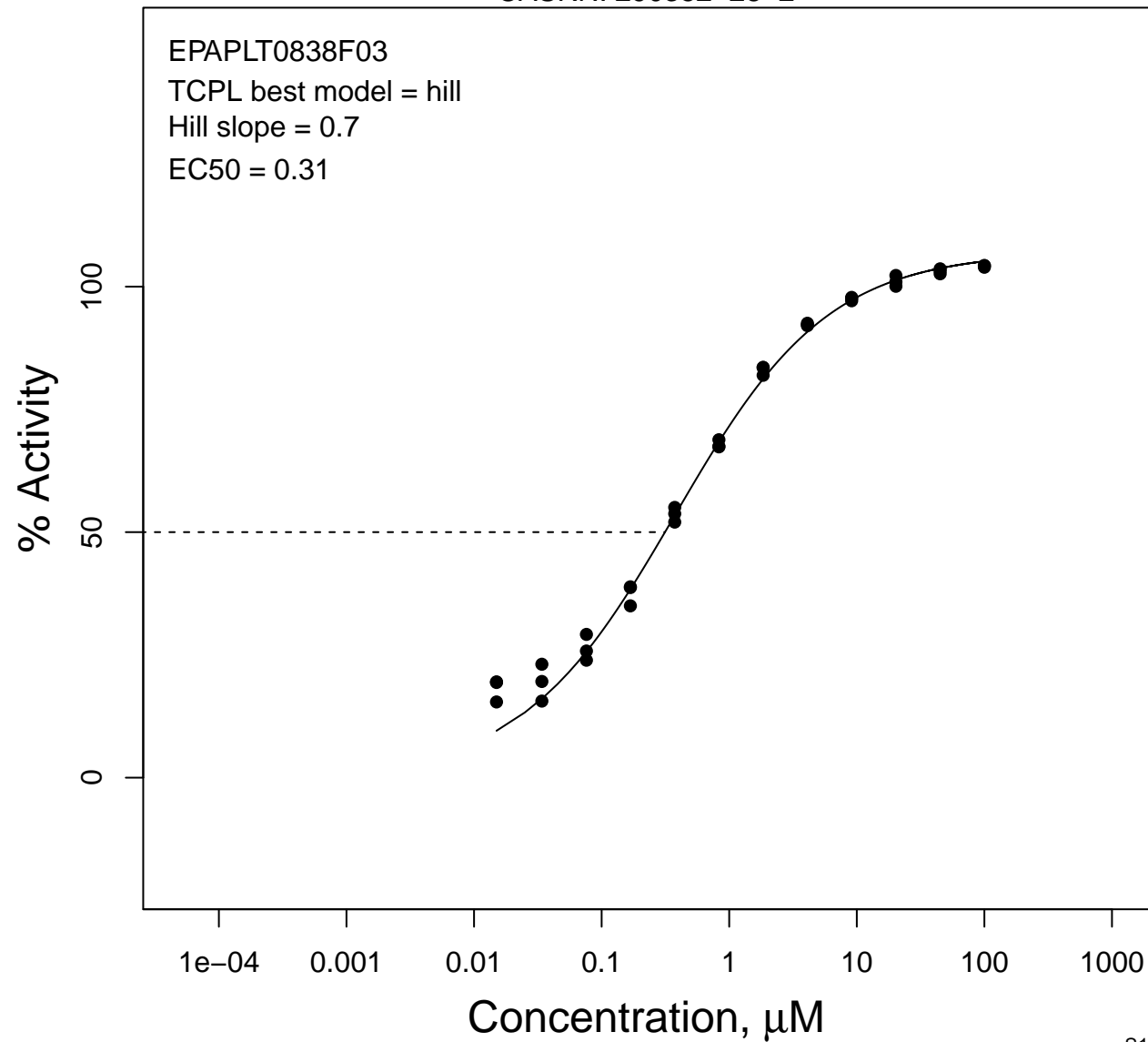
CASRN: 290352-28-2

EPAPLT0838F03

TCPL best model = hill

Hill slope = 0.7

EC50 = 0.31



Sodium dodecylbenzenesulfonate

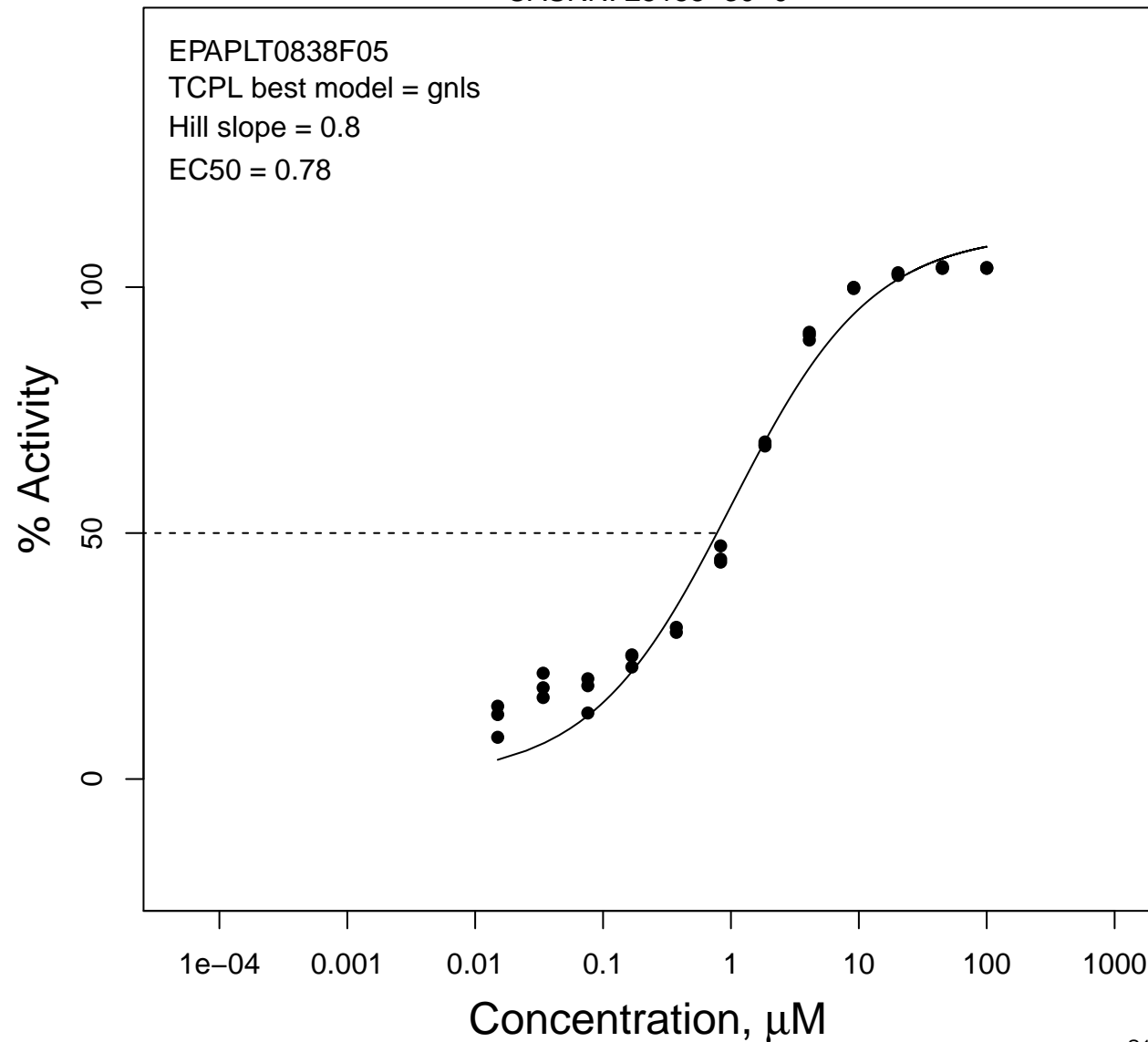
CASRN: 25155-30-0

EPAPLT0838F05

TCPL best model = gnls

Hill slope = 0.8

EC50 = 0.78



Dodecylphenol

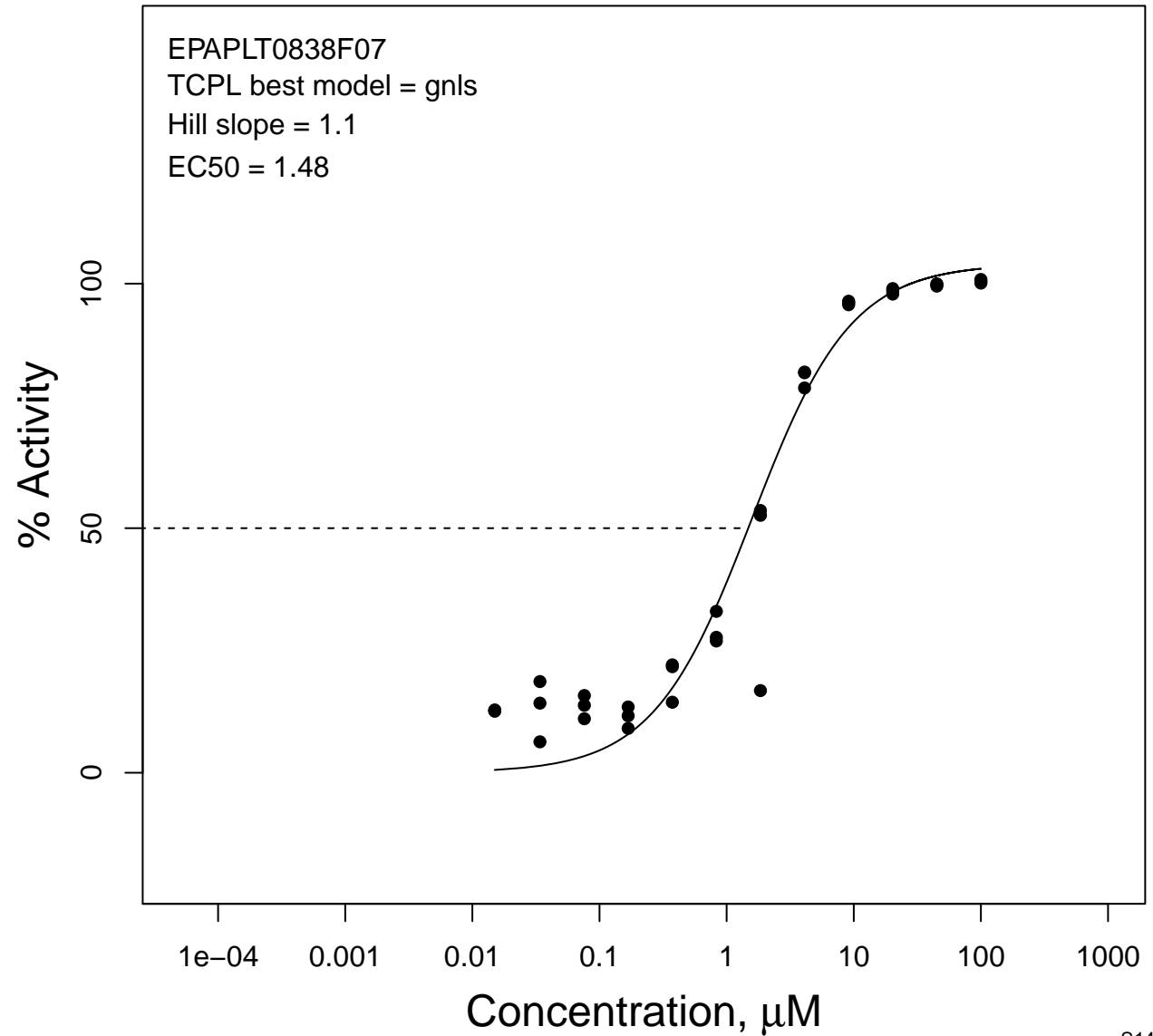
CASRN: 27193-86-8

EPAPLT0838F07

TCPL best model = gnls

Hill slope = 1.1

EC50 = 1.48



3,5-Dichloroaniline

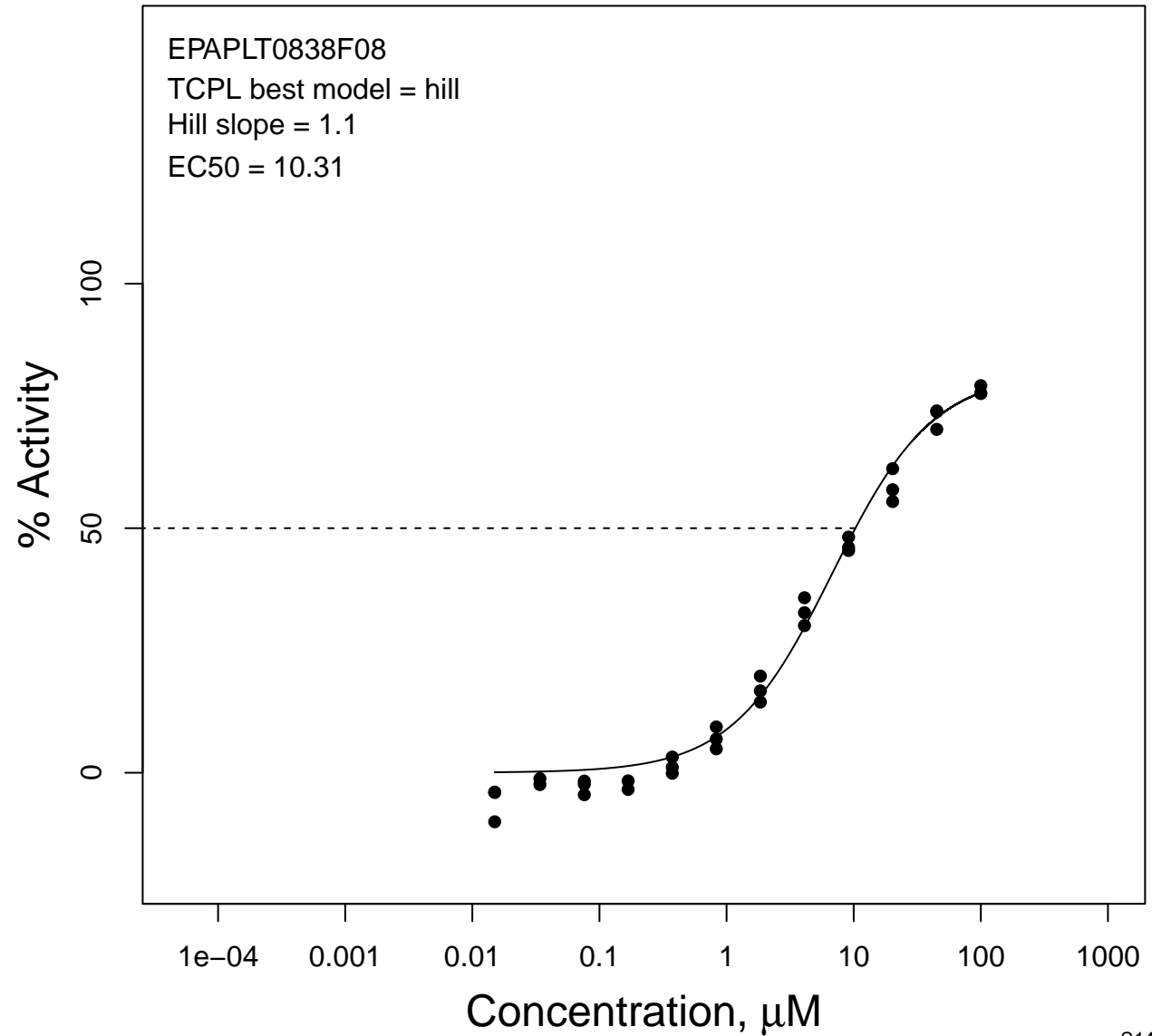
CASRN: 626-43-7

EPAPLT0838F08

TCPL best model = hill

Hill slope = 1.1

EC50 = 10.31



4,4'-Sulfonylbis[2-(prop-2-en-1-yl)phenol]

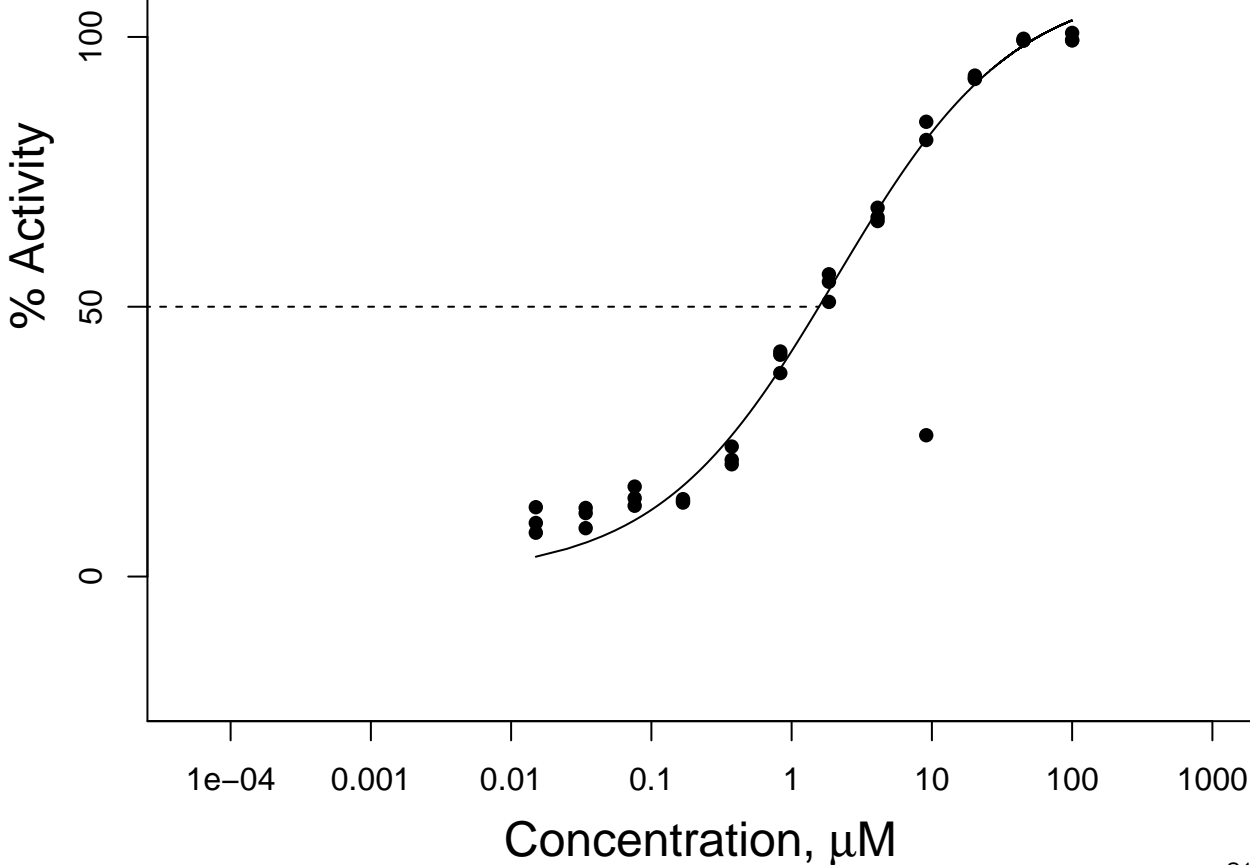
CASRN: 41481-66-7

EPAPLT0838F10

TCPL best model = gnls

Hill slope = 0.7

EC50 = 1.57



Allura Red C.I.16035

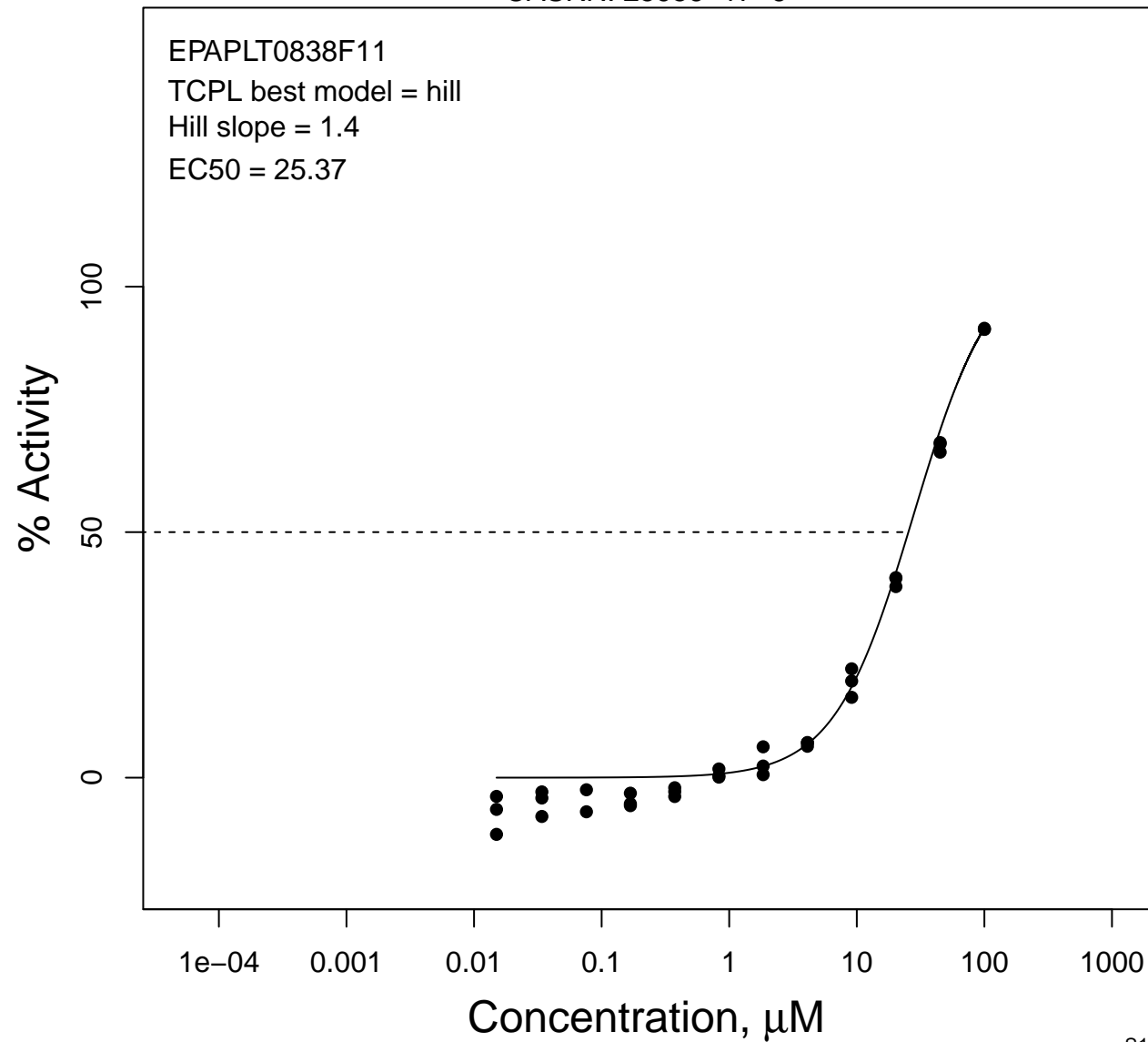
CASRN: 25956-17-6

EPAPLT0838F11

TCPL best model = hill

Hill slope = 1.4

EC50 = 25.37



Perfluorooctanesulfonic acid

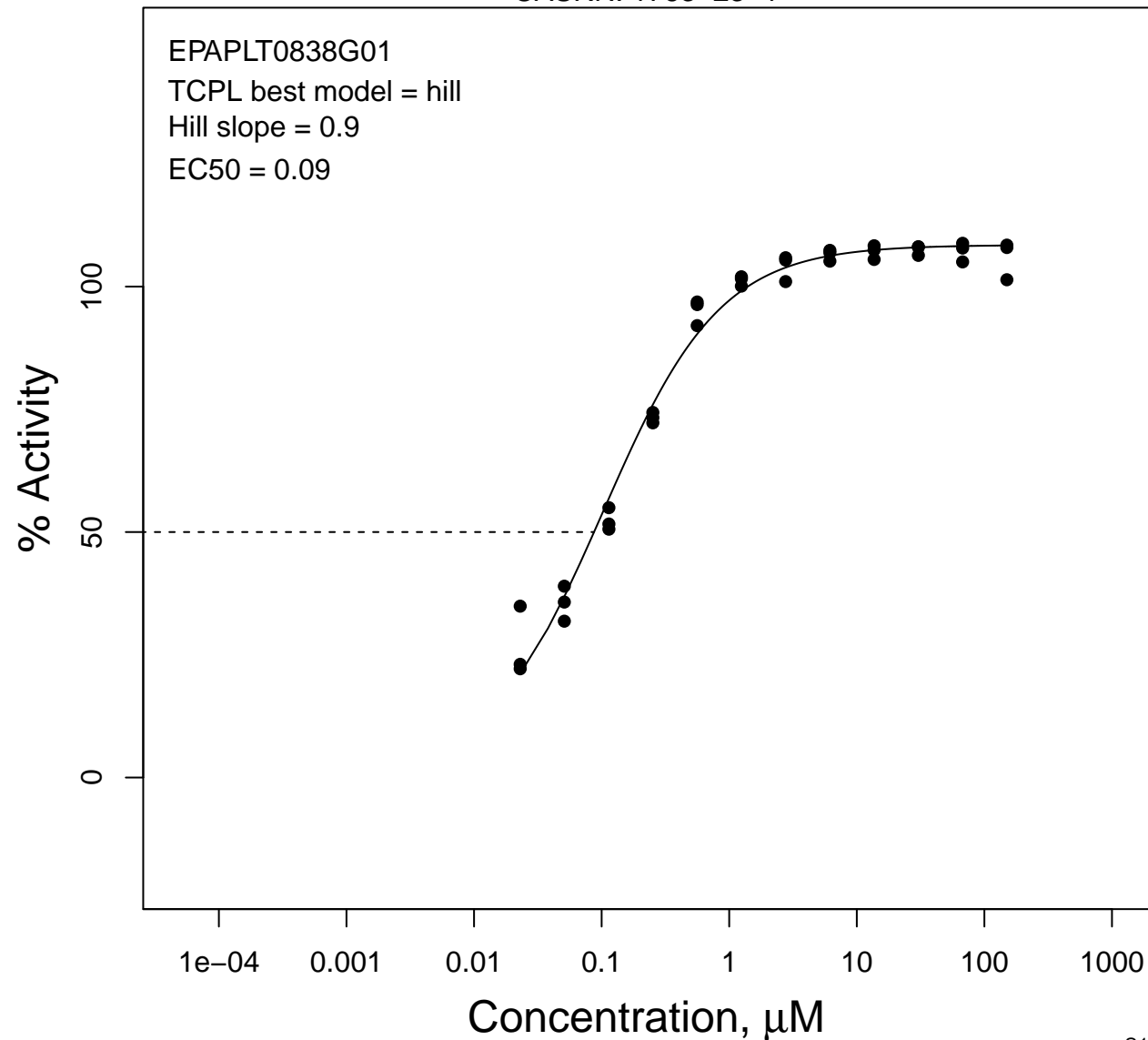
CASRN: 1763-23-1

EPAPLT0838G01

TCPL best model = hill

Hill slope = 0.9

EC50 = 0.09



Dinocap

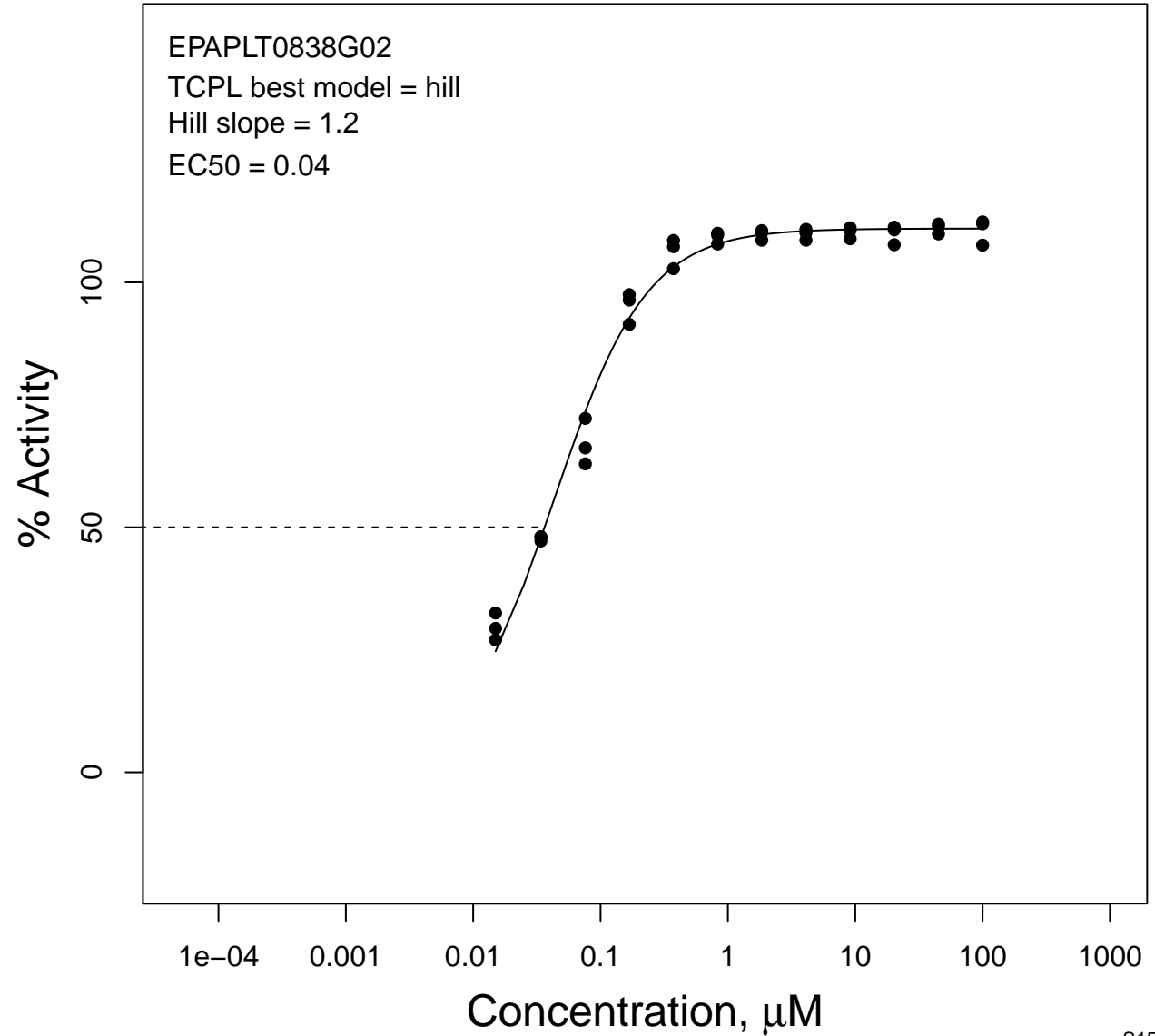
CASRN: 39300-45-3

EPAPLT0838G02

TCPL best model = hill

Hill slope = 1.2

EC50 = 0.04



4-Nitrophenol

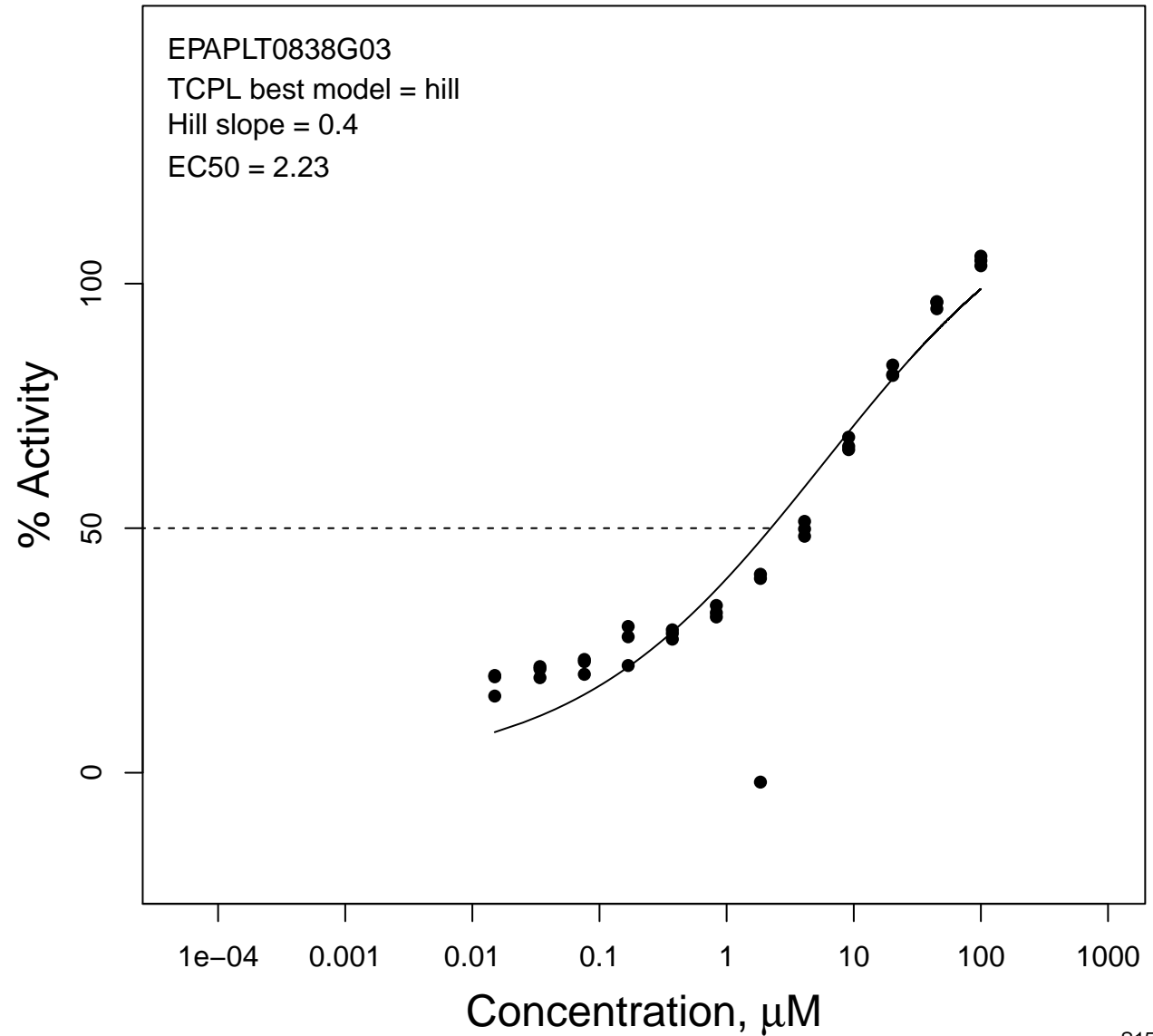
CASRN: 100-02-7

EPAPLT0838G03

TCPL best model = hill

Hill slope = 0.4

EC50 = 2.23



Dodecanoic acid

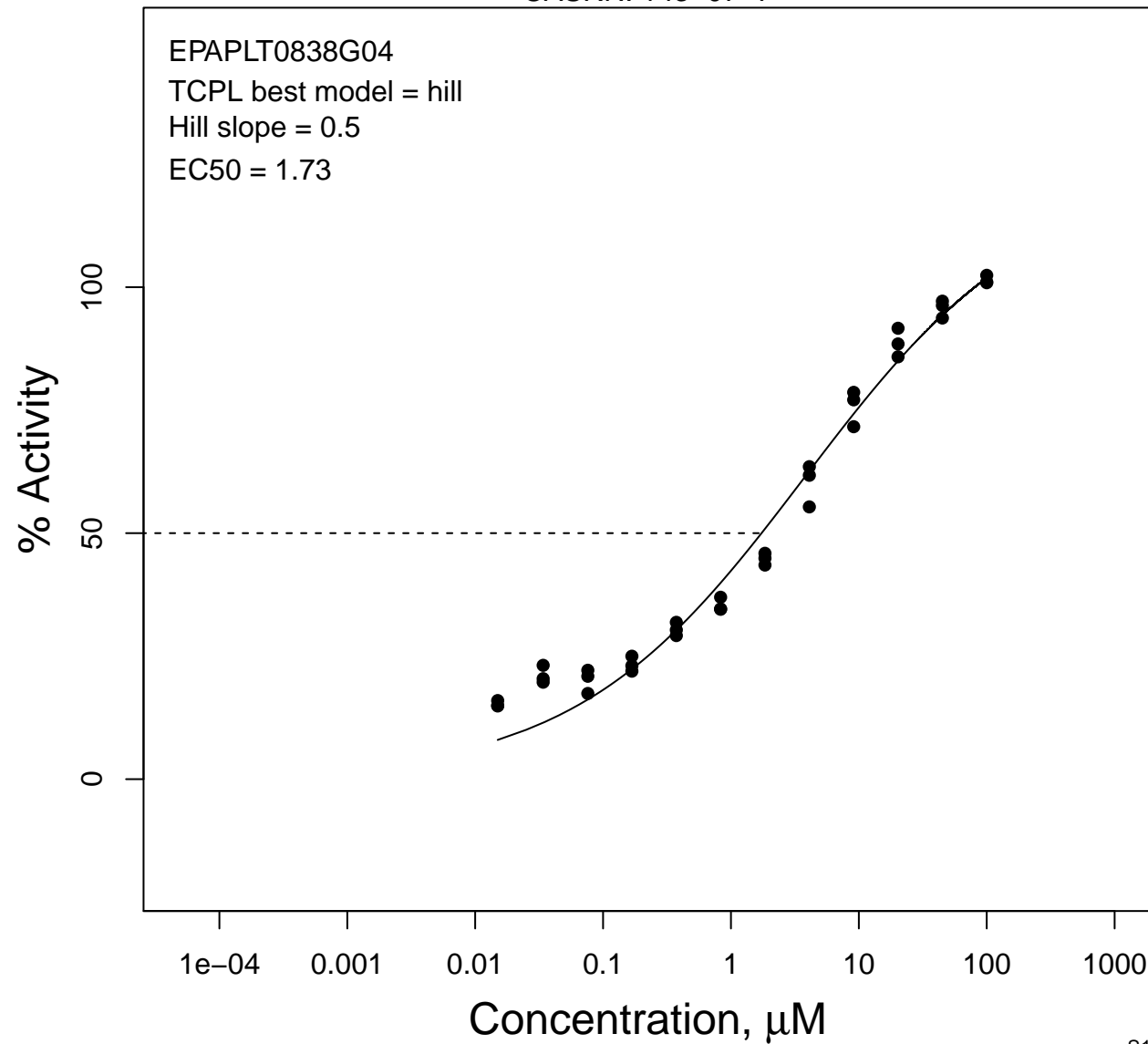
CASRN: 143-07-7

EPAPLT0838G04

TCPL best model = hill

Hill slope = 0.5

EC50 = 1.73



C.I. Direct Red 81 disodium salt

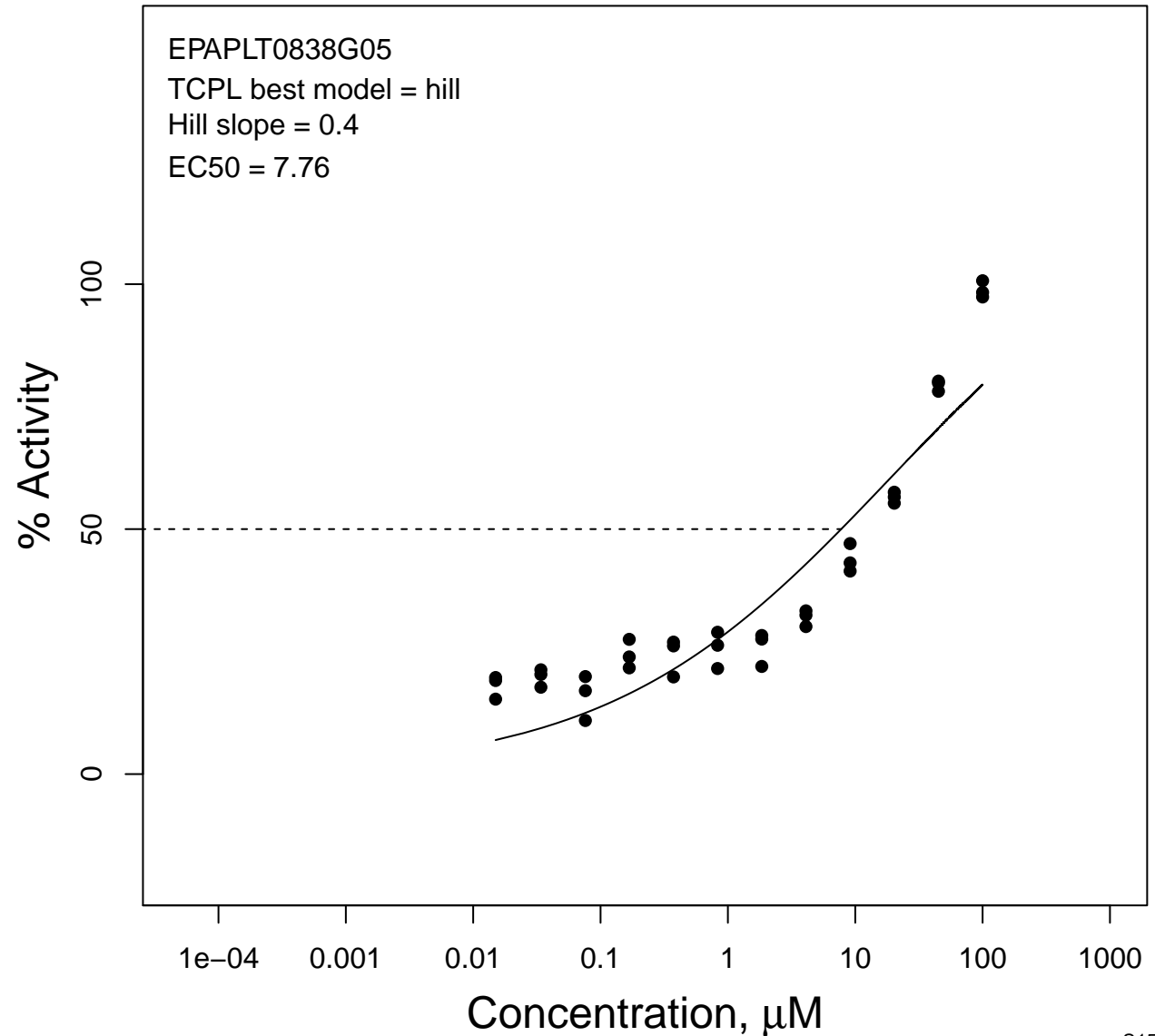
CASRN: 2610-11-9

EPAPLT0838G05

TCPL best model = hill

Hill slope = 0.4

EC50 = 7.76



4-(2-Phenylpropan-2-yl)-N-[4-(2-phenylpropan-2-yl)phenyl]aniline

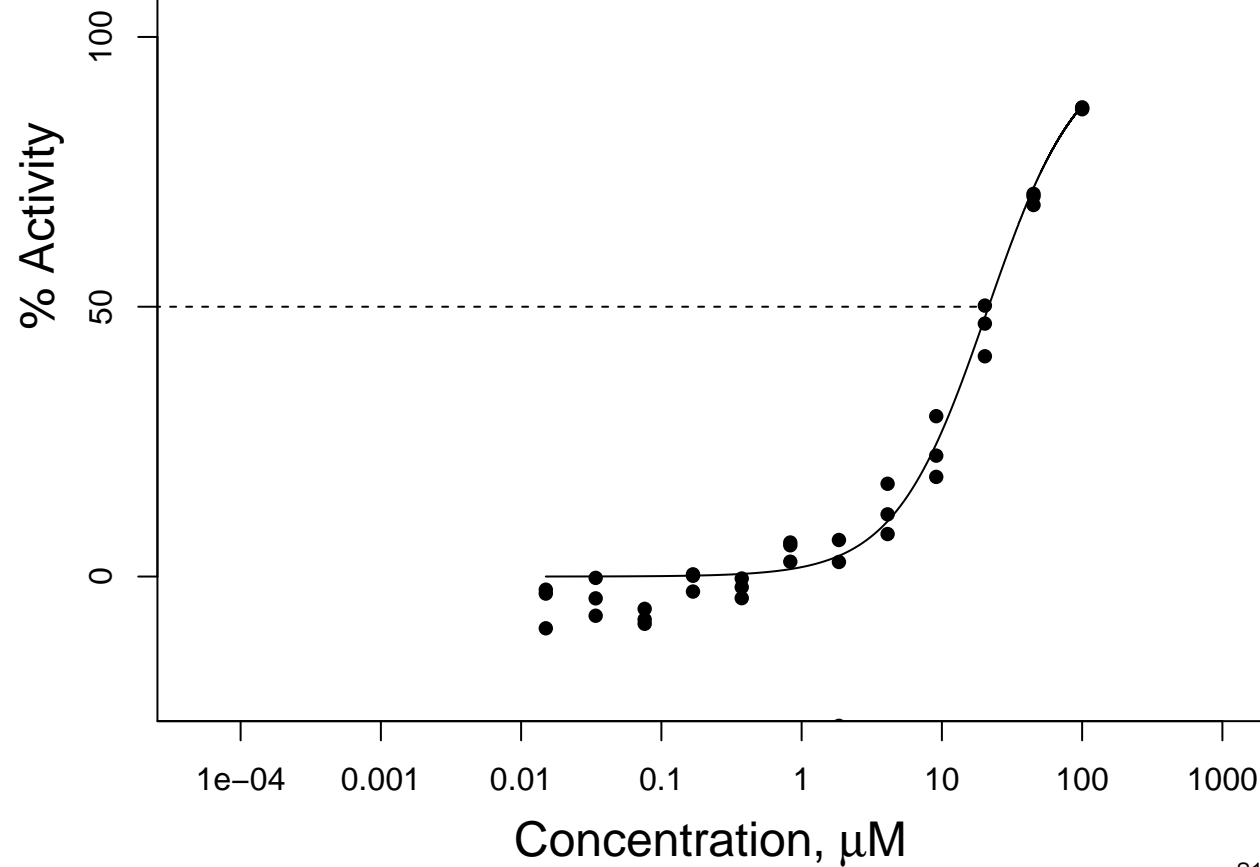
CASRN: 10081-67-1

EPAPLT0838G08

TCPL best model = hill

Hill slope = 1.3

EC50 = 21.52



Heptyl p-hydroxybenzoate

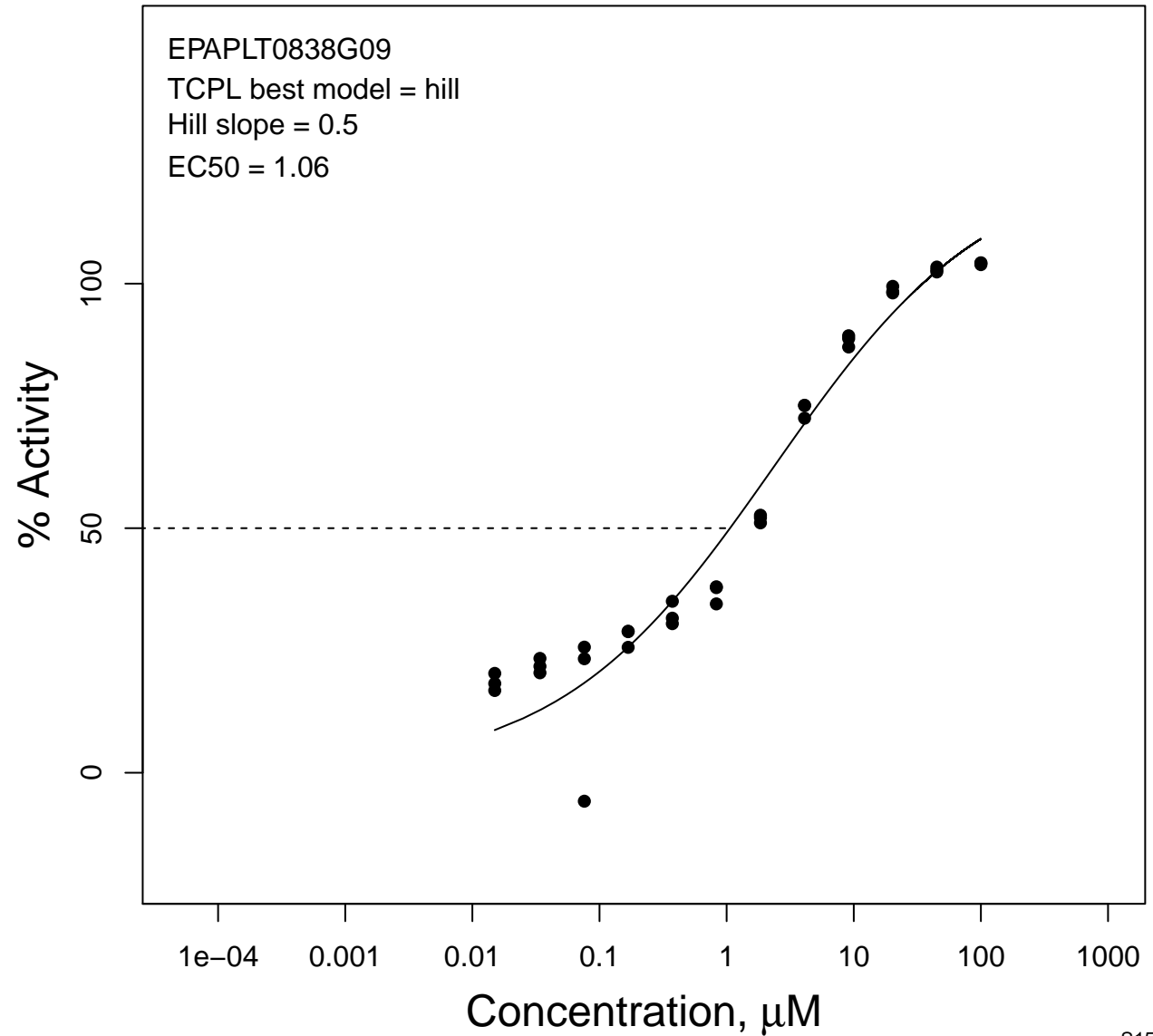
CASRN: 1085-12-7

EPAPLT0838G09

TCPL best model = hill

Hill slope = 0.5

EC50 = 1.06



Phoxim

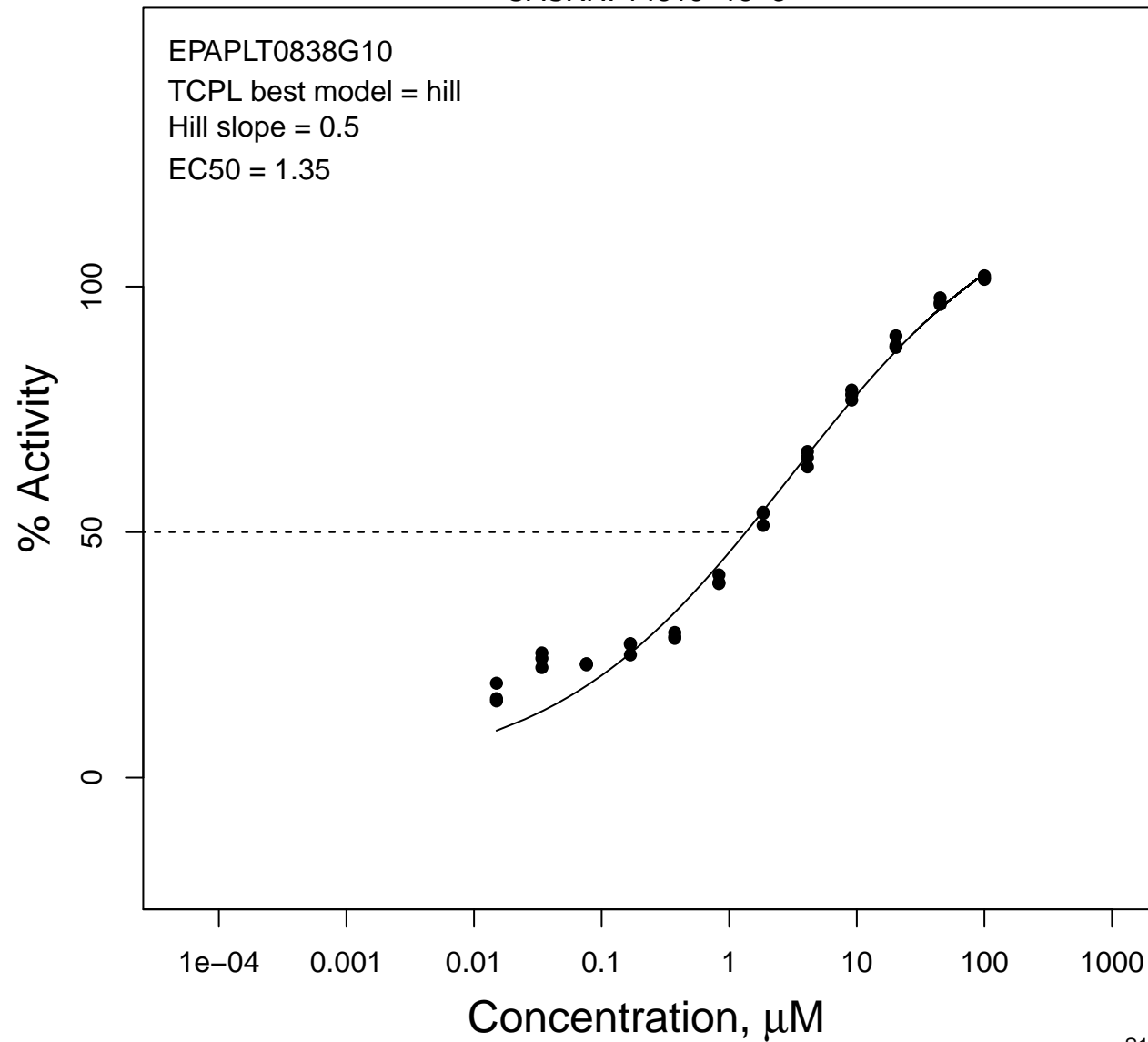
CASRN: 14816-18-3

EPAPLT0838G10

TCPL best model = hill

Hill slope = 0.5

EC50 = 1.35



Rhodamine 6G

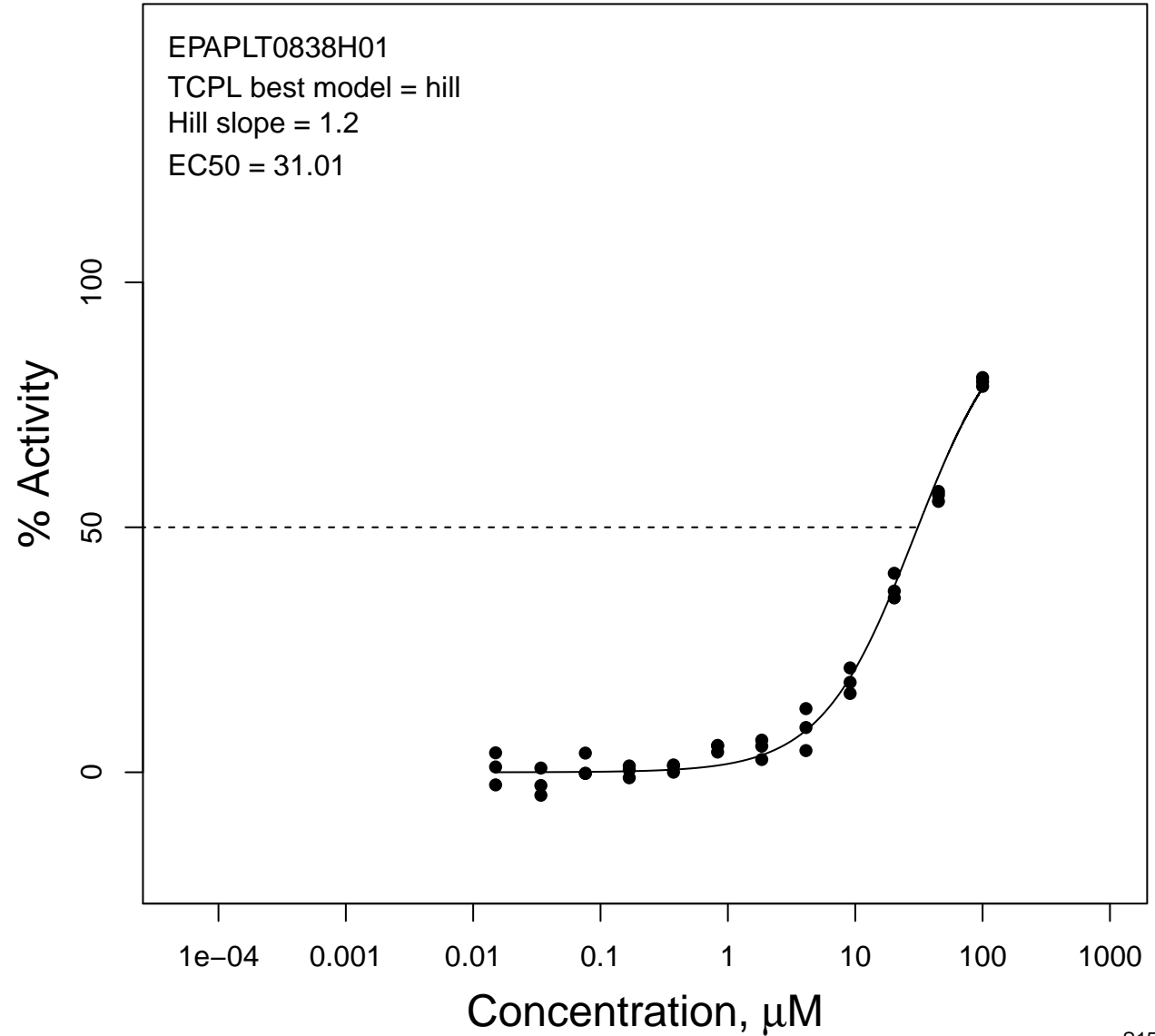
CASRN: 989-38-8

EPAPLT0838H01

TCPL best model = hill

Hill slope = 1.2

EC50 = 31.01



4-Heptylphenol

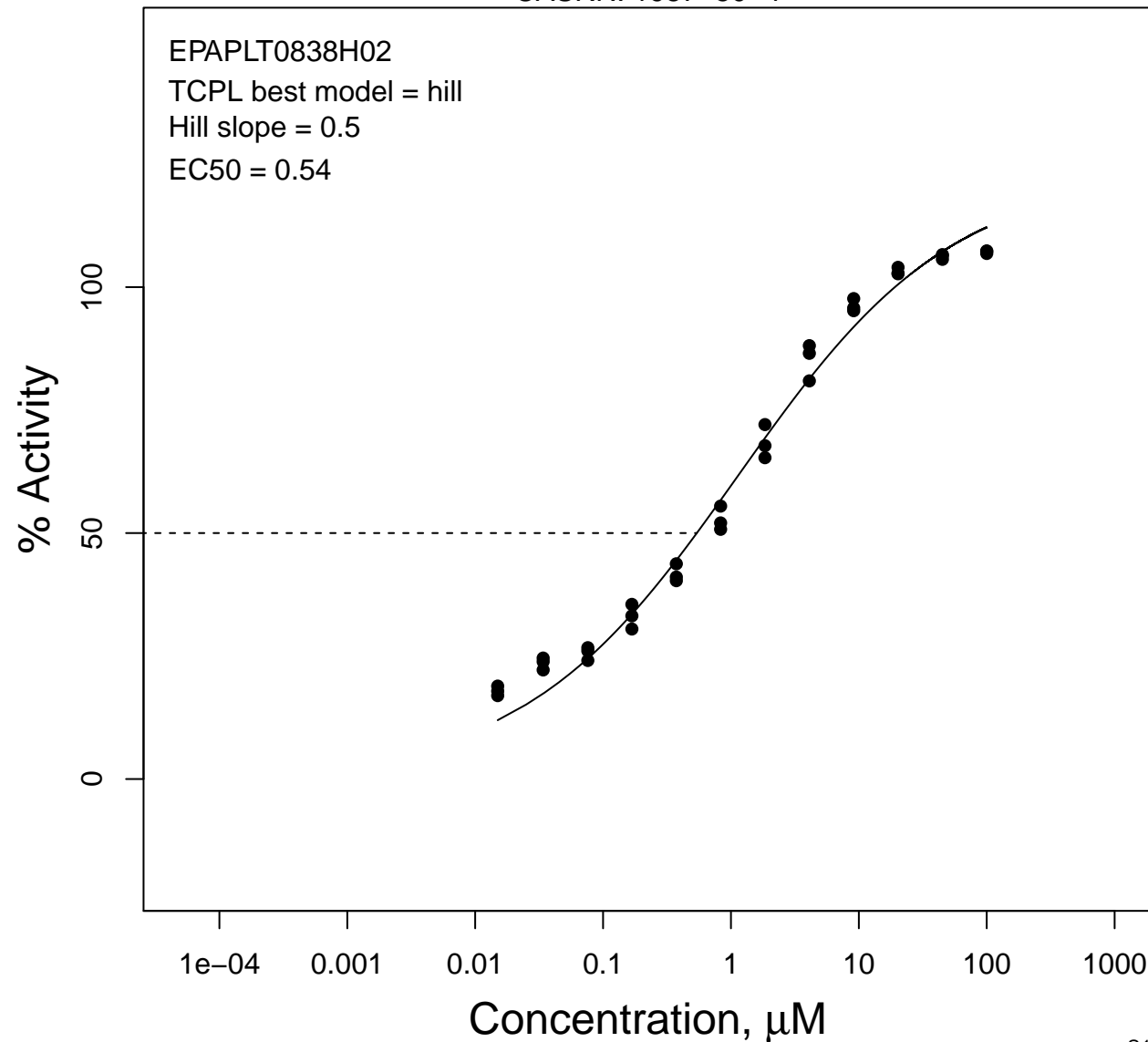
CASRN: 1987-50-4

EPAPLT0838H02

TCPL best model = hill

Hill slope = 0.5

EC50 = 0.54



C.I. Acid Yellow 11, sodium salt

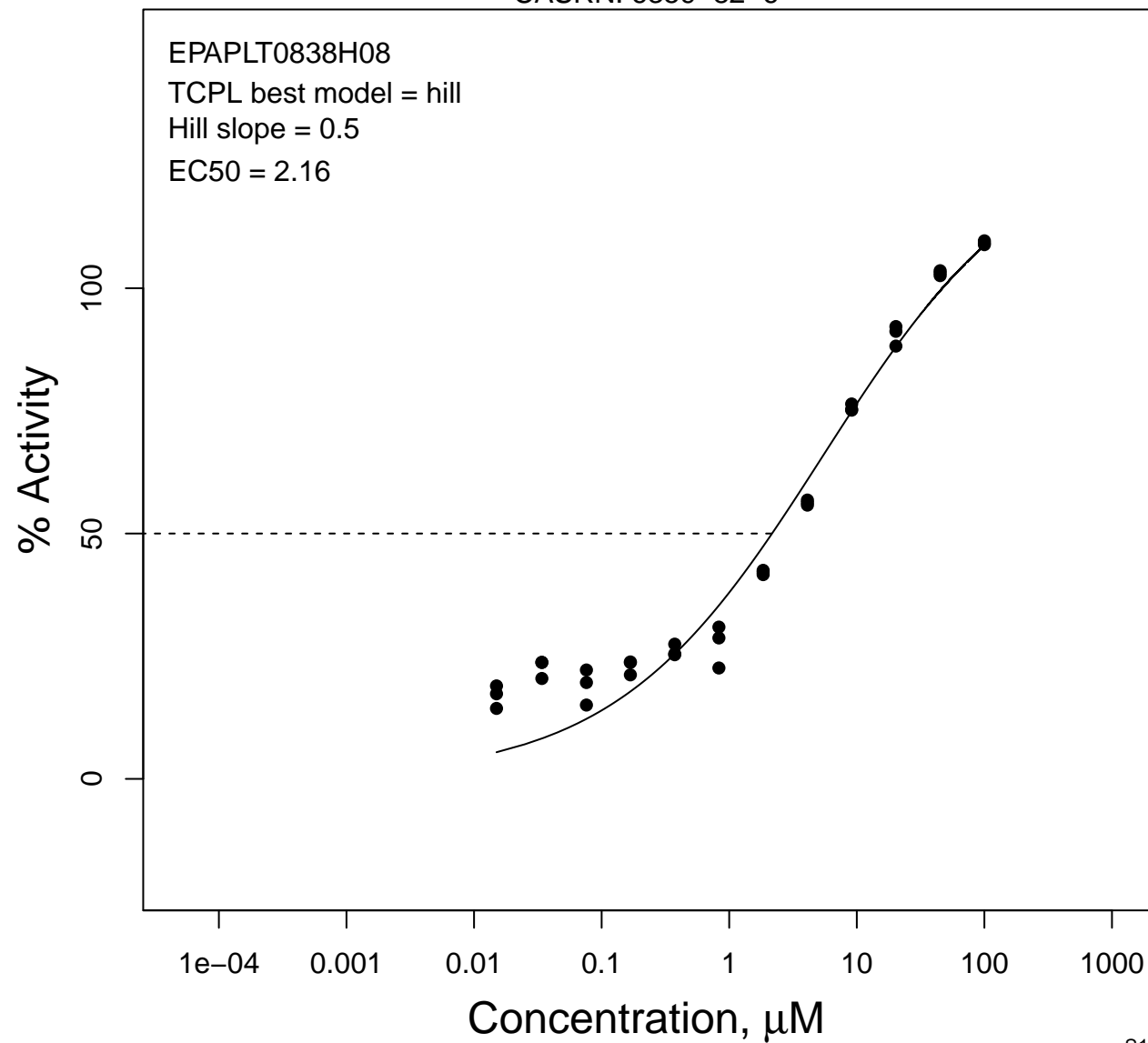
CASRN: 6359-82-6

EPAPLT0838H08

TCPL best model = hill

Hill slope = 0.5

EC50 = 2.16



Triclosan

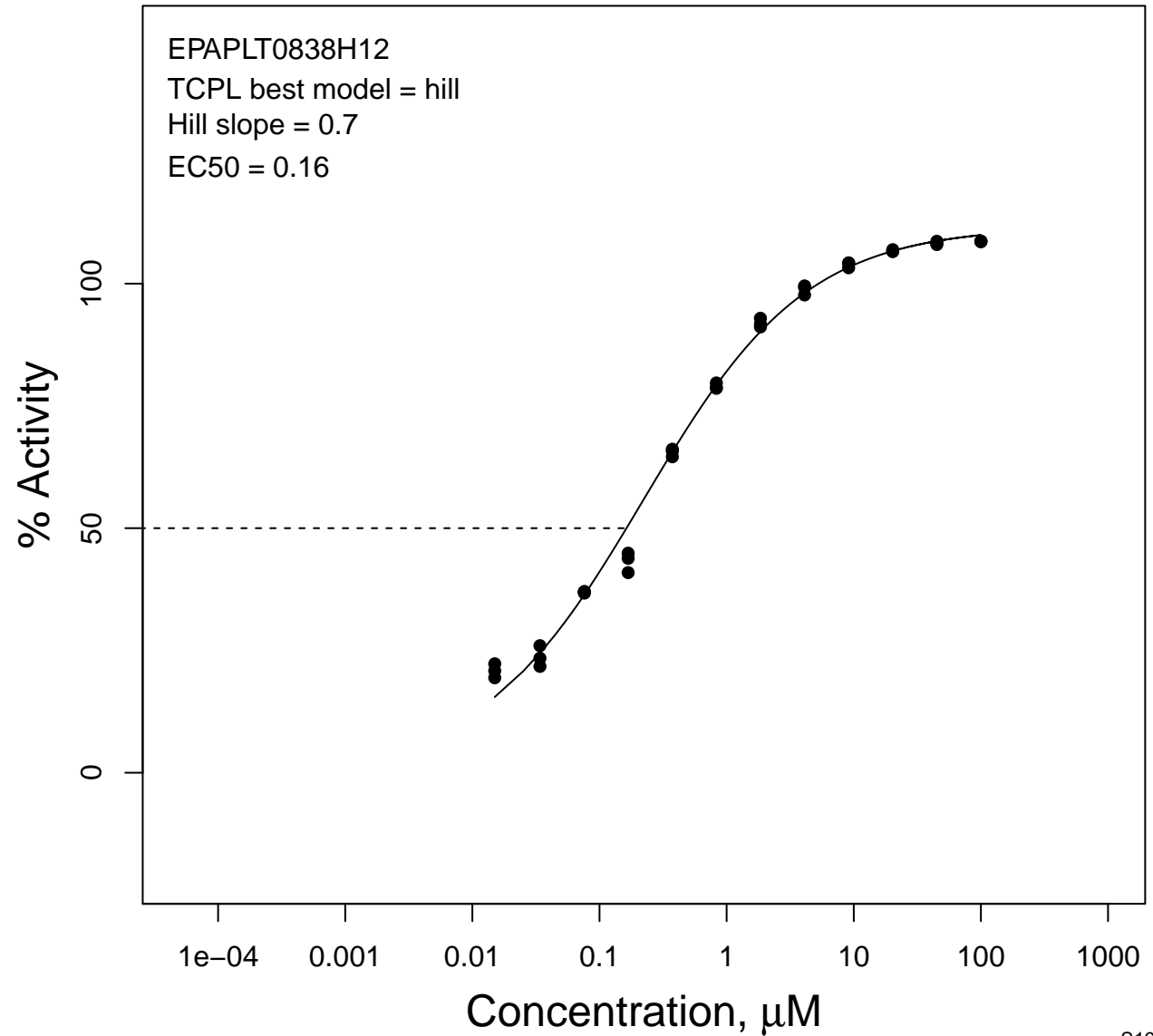
CASRN: 3380-34-5

EPAPLT0838H12

TCPL best model = hill

Hill slope = 0.7

EC50 = 0.16



Cyclanilide

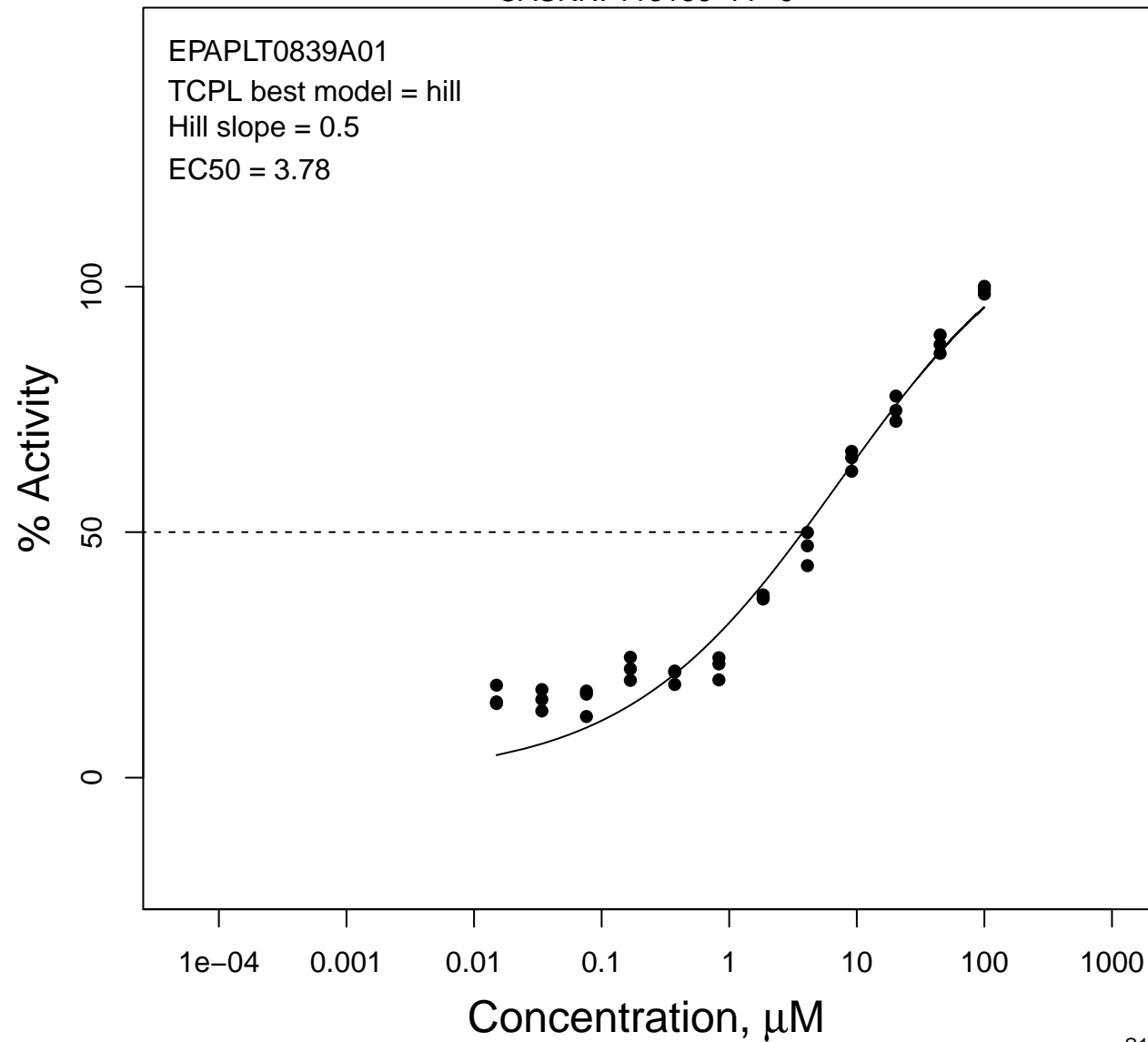
CASRN: 113136-77-9

EPAPLT0839A01

TCPL best model = hill

Hill slope = 0.5

EC50 = 3.78



Iprodione

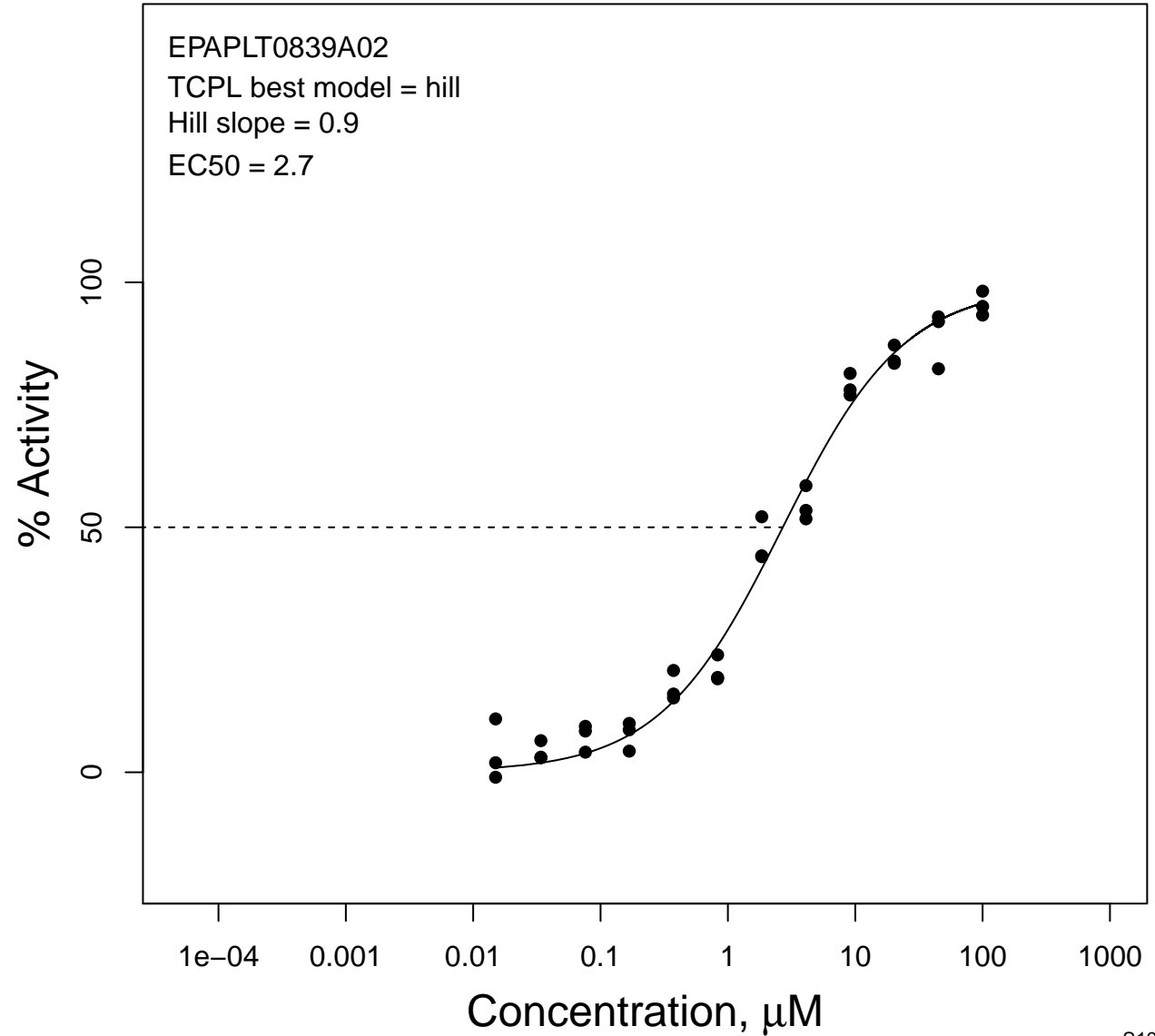
CASRN: 36734-19-7

EPAPLT0839A02

TCPL best model = hill

Hill slope = 0.9

EC50 = 2.7



2,4,5-Trichlorophenol

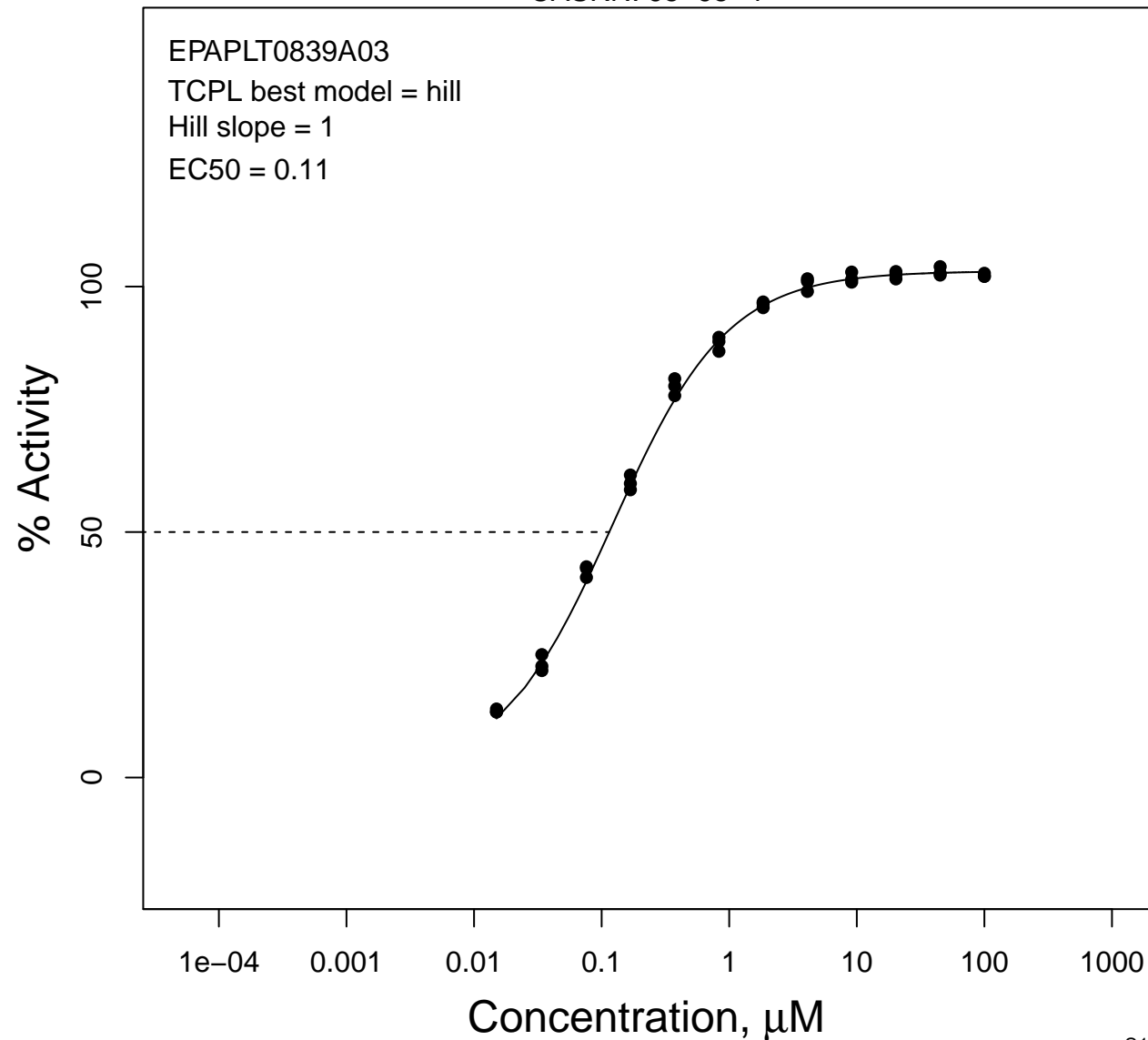
CASRN: 95-95-4

EPAPLT0839A03

TCPL best model = hill

Hill slope = 1

EC50 = 0.11



3,3'-Dimethylbenzidine

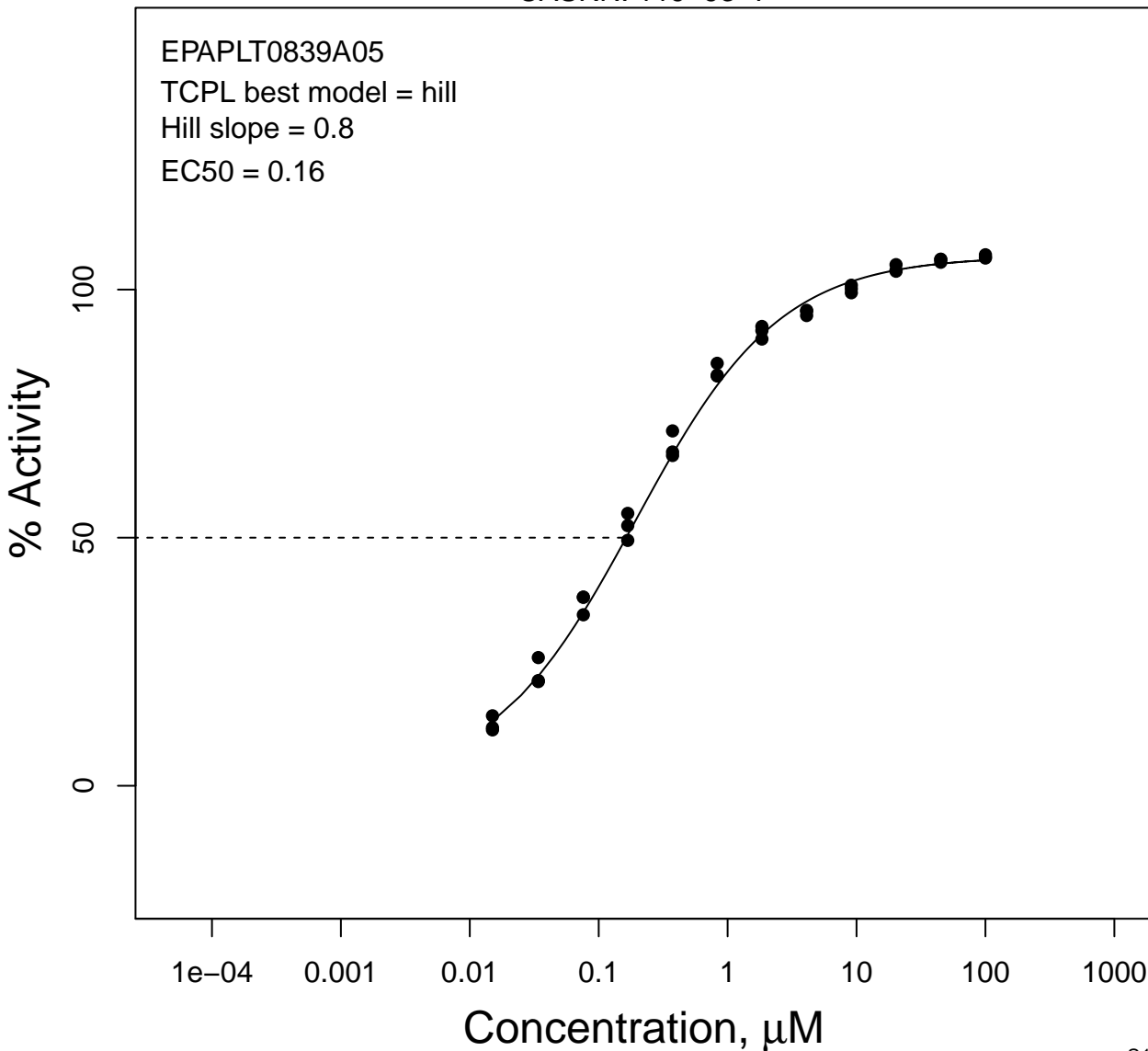
CASRN: 119-93-7

EPAPLT0839A05

TCPL best model = hill

Hill slope = 0.8

EC50 = 0.16



alpha-Sulfo-omega-(dodecyloxy)poly(oxy-1,2-ethanediyl) sodium salt

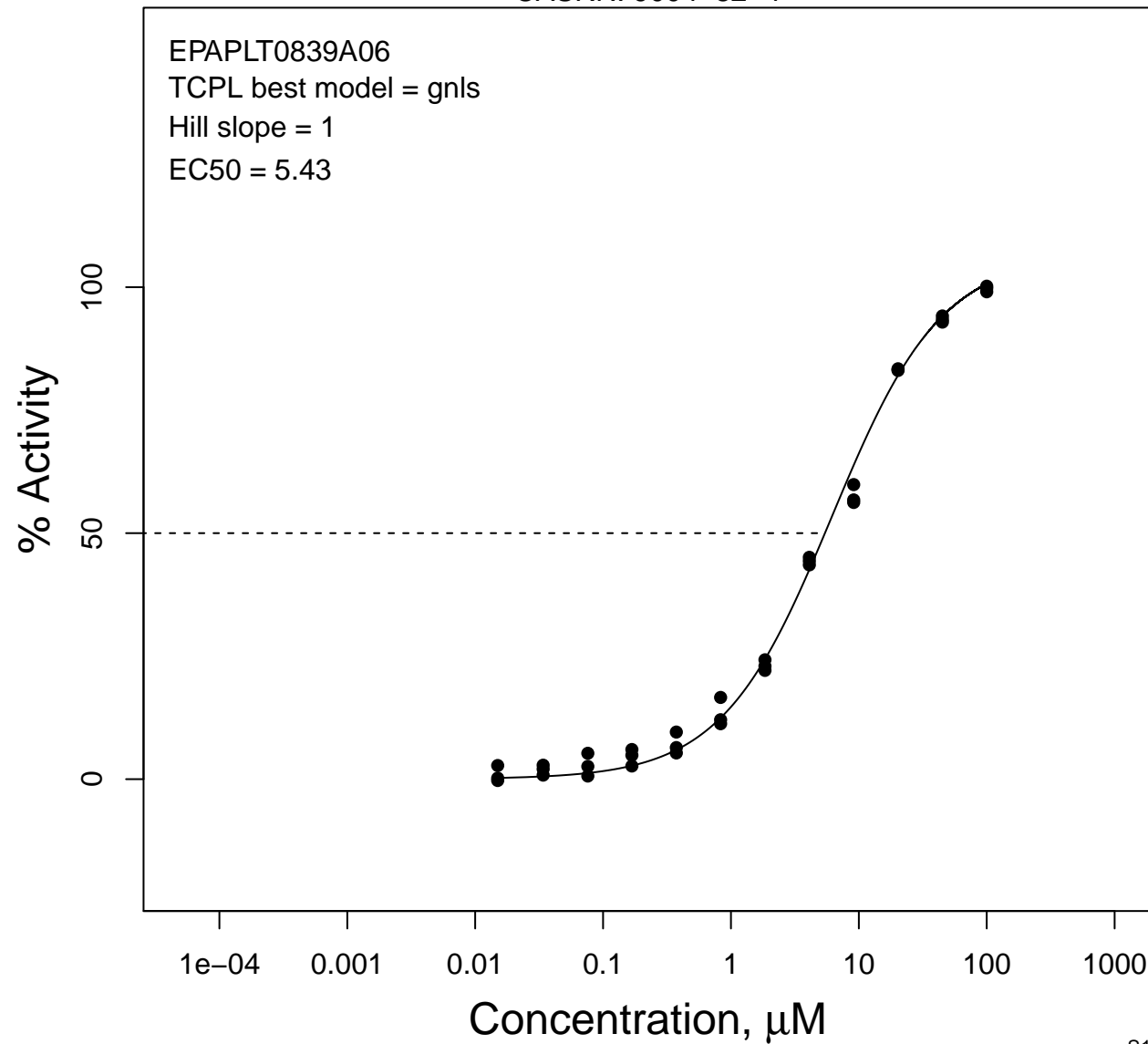
CASRN: 9004-82-4

EPAPLT0839A06

TCPL best model = gnls

Hill slope = 1

EC50 = 5.43



3,4-Dichloroaniline

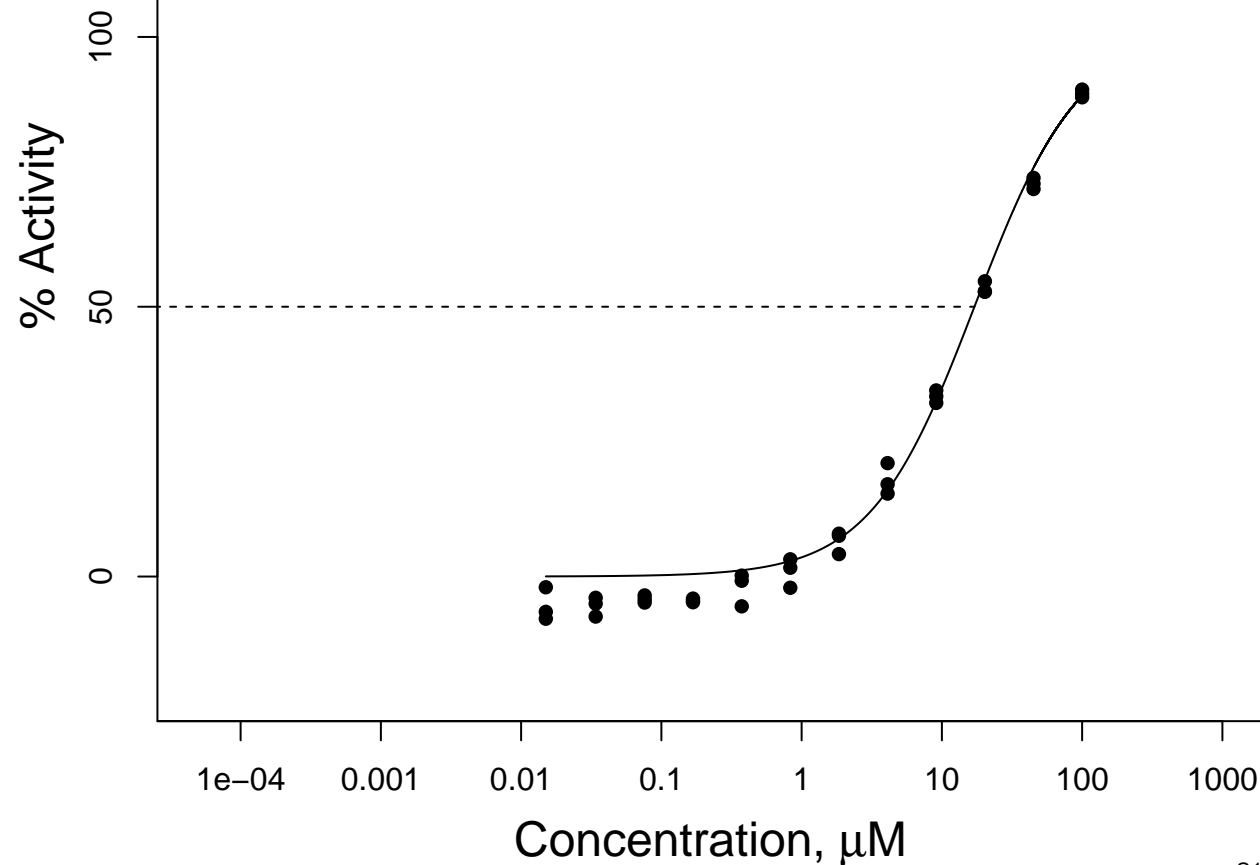
CASRN: 95-76-1

EPAPLT0839A07

TCPL best model = hill

Hill slope = 1.2

EC50 = 17.06



C.I. Solvent Yellow 14

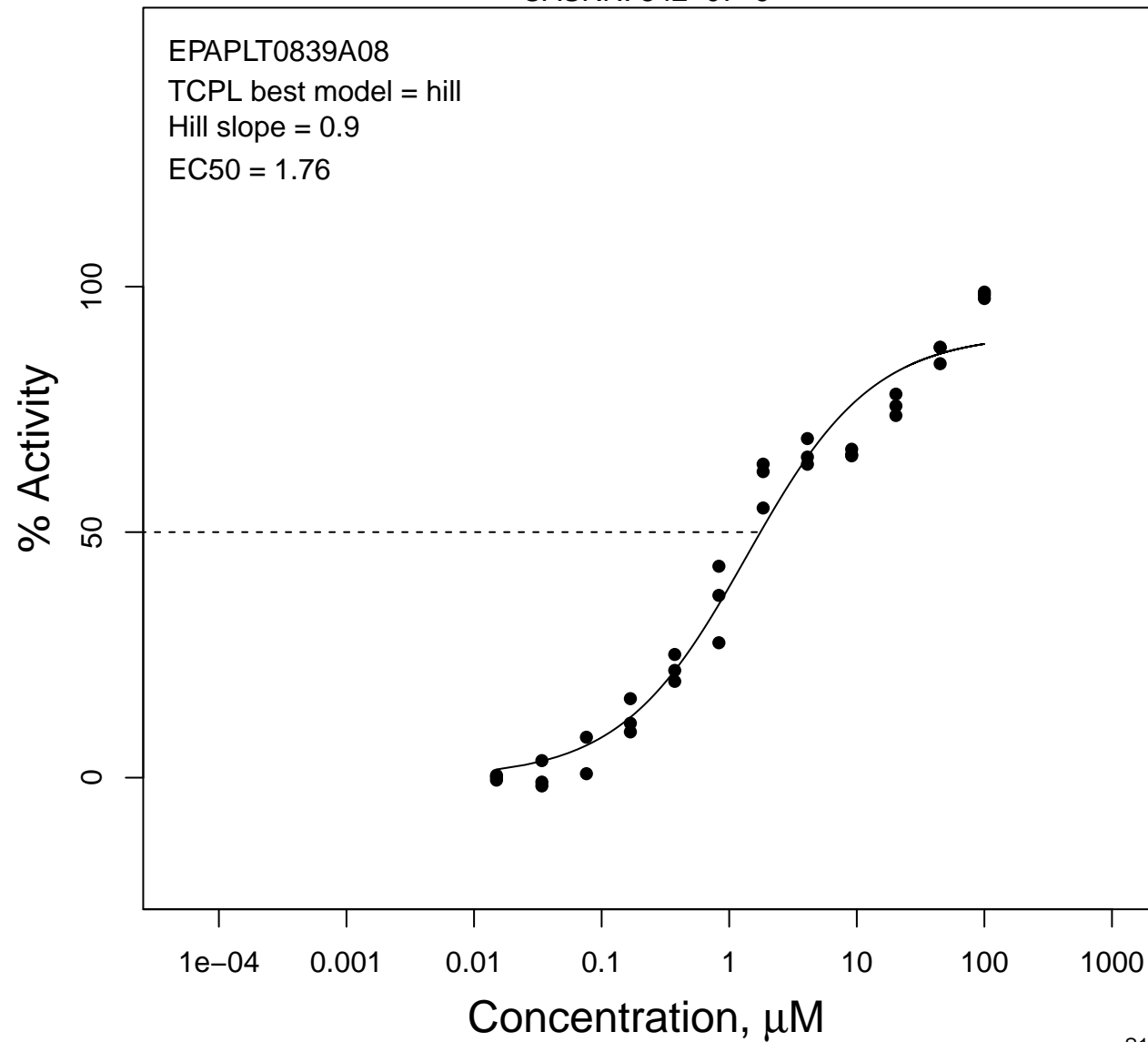
CASRN: 842-07-9

EPAPLT0839A08

TCPL best model = hill

Hill slope = 0.9

EC50 = 1.76



4-Chloro-3,5-dimethylphenol

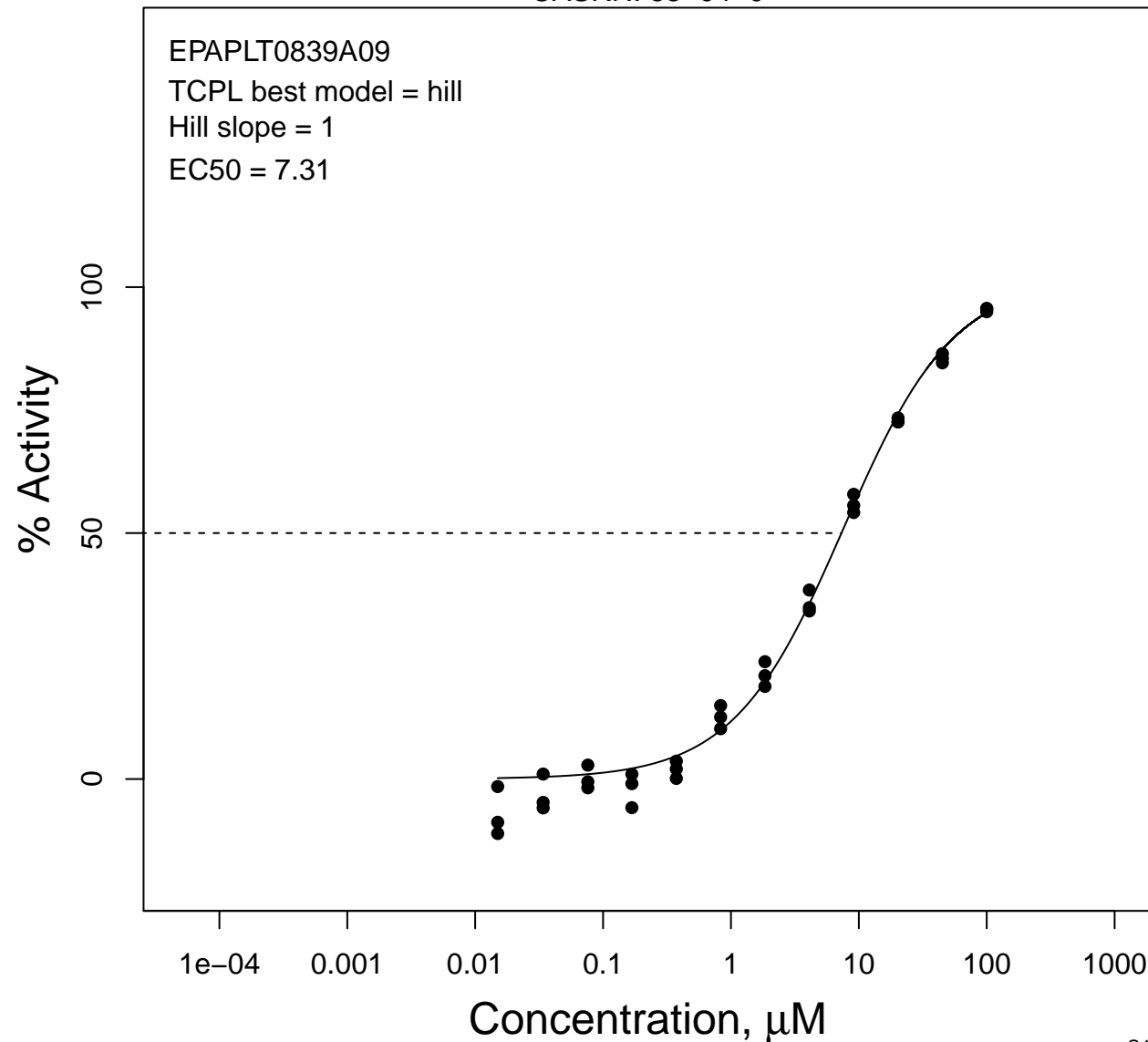
CASRN: 88-04-0

EPAPLT0839A09

TCPL best model = hill

Hill slope = 1

EC50 = 7.31



Carminic acid

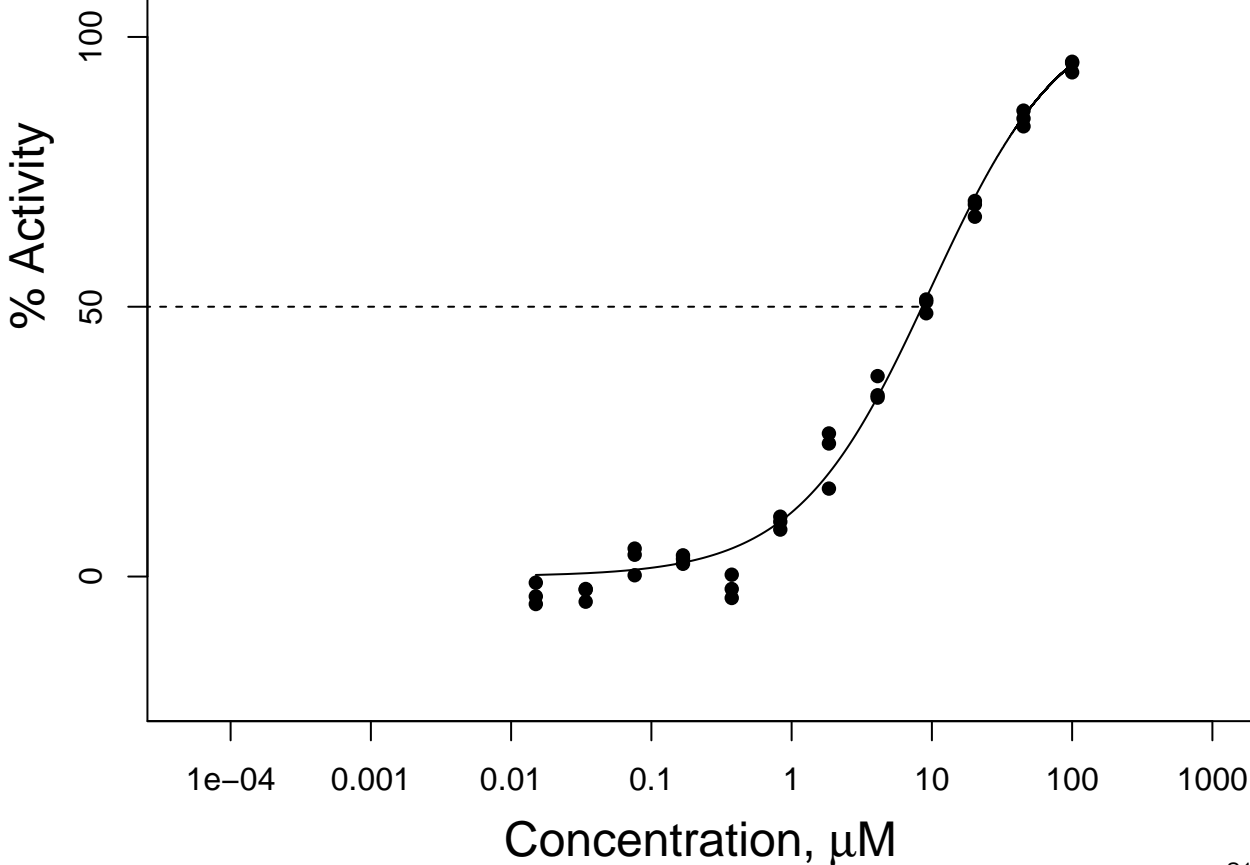
CASRN: 1260-17-9

EPAPLT0839A10

TCPL best model = hill

Hill slope = 0.9

EC50 = 8.53



Bisphenol B

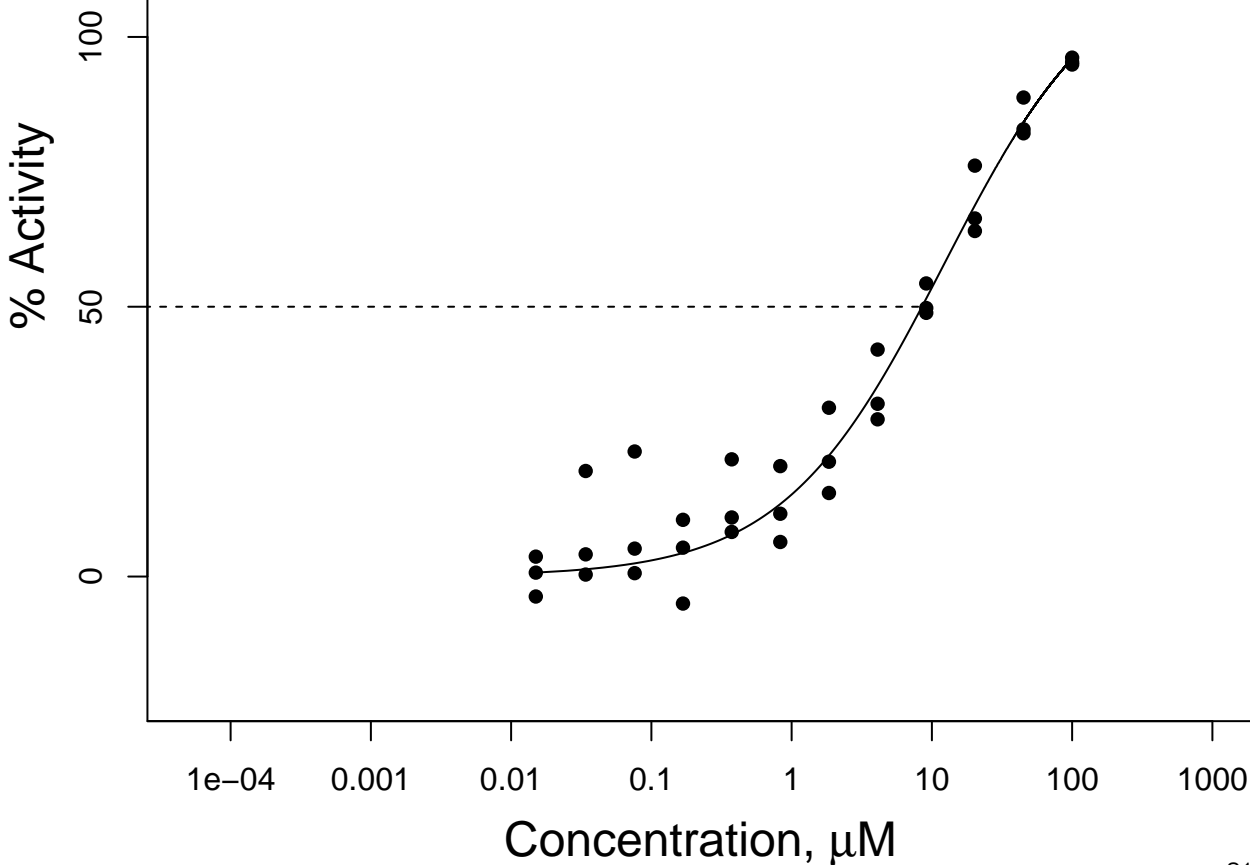
CASRN: 77-40-7

EPAPLT0839A12

TCPL best model = hill

Hill slope = 0.8

EC50 = 8.49



Cyprodinil

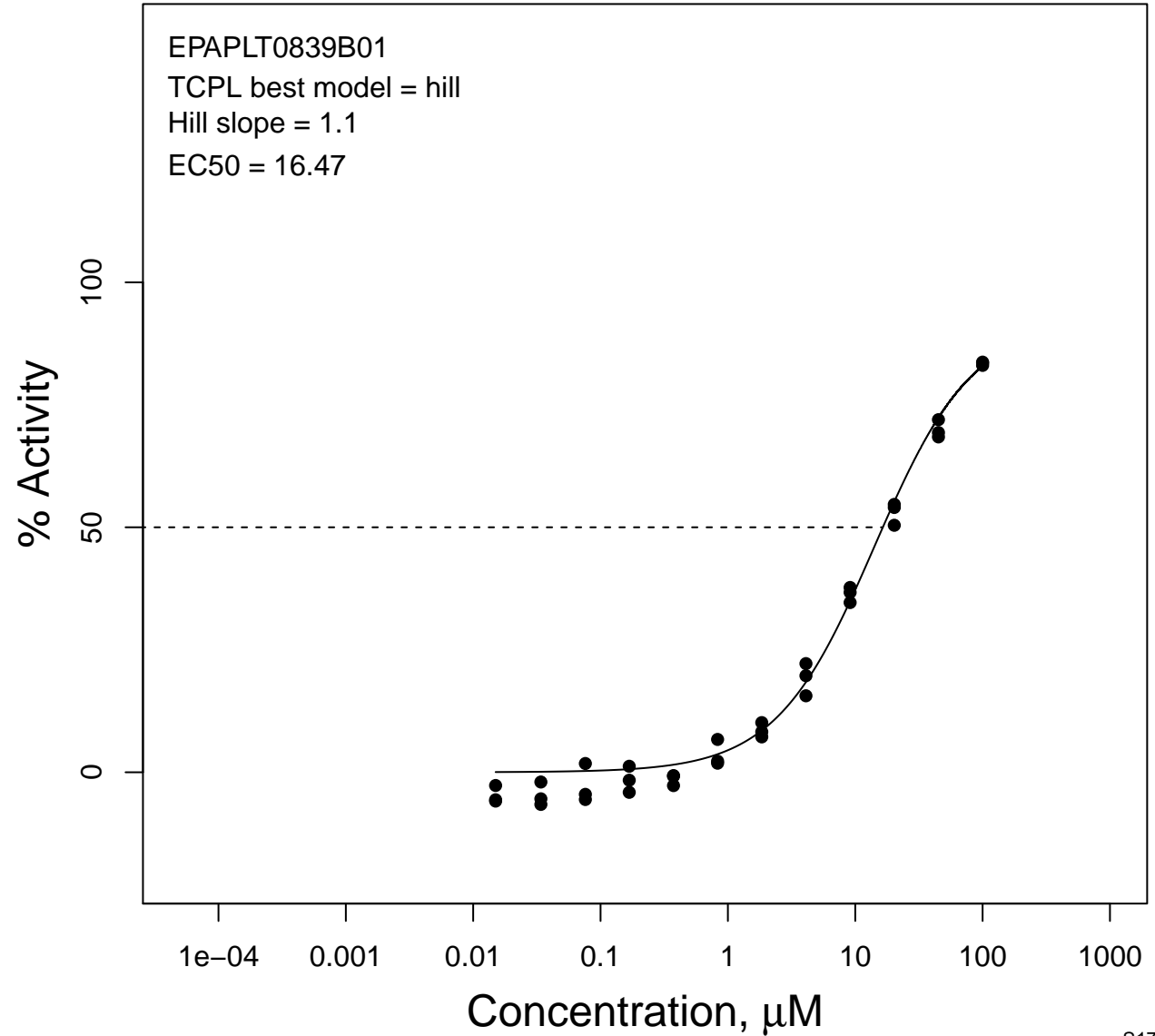
CASRN: 121552-61-2

EPAPLT0839B01

TCPL best model = hill

Hill slope = 1.1

EC50 = 16.47



2,5-Dichlorophenol

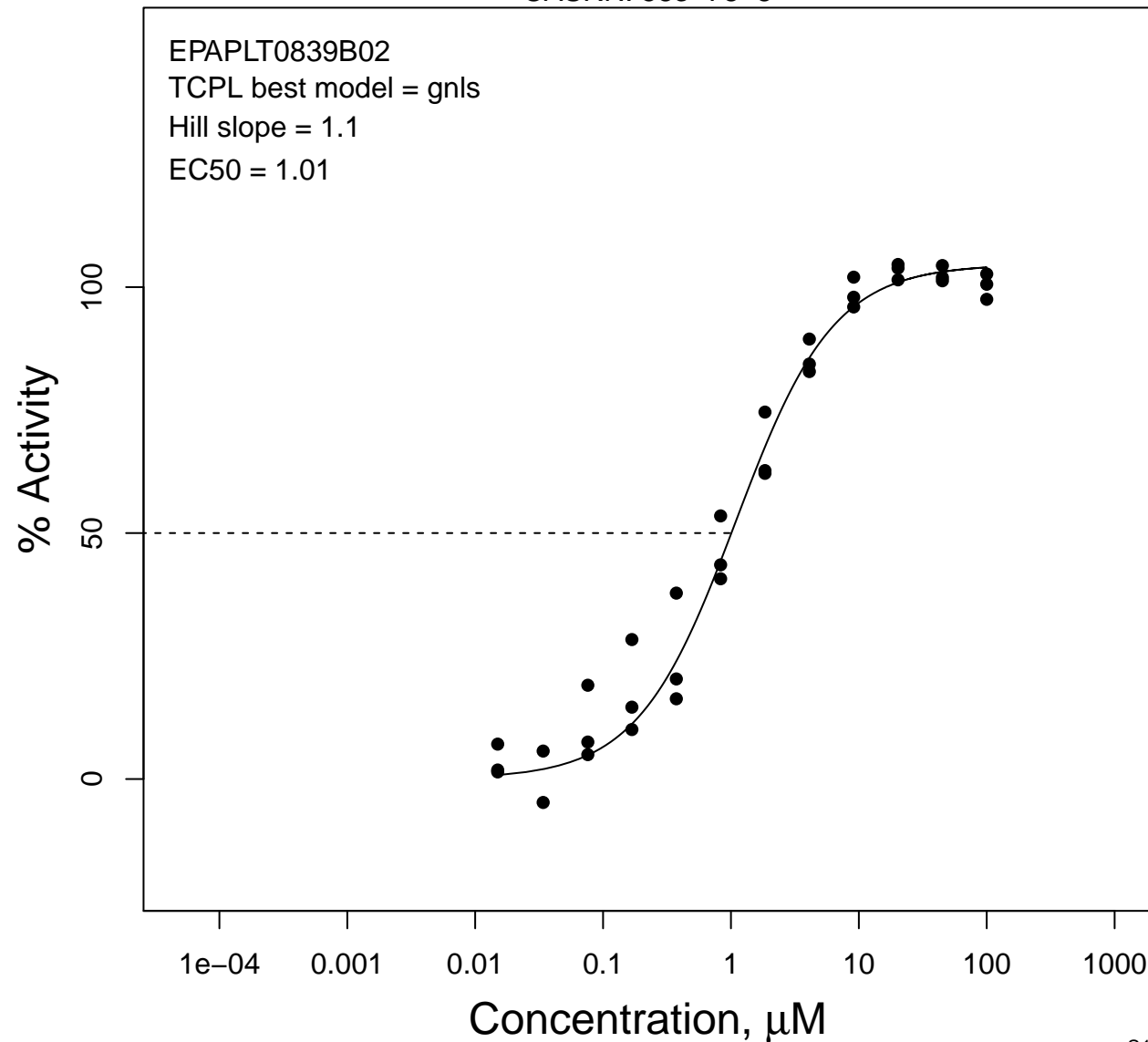
CASRN: 583-78-8

EPAPLT0839B02

TCPL best model = gnls

Hill slope = 1.1

EC50 = 1.01



4-Nitrosodiphenylamine

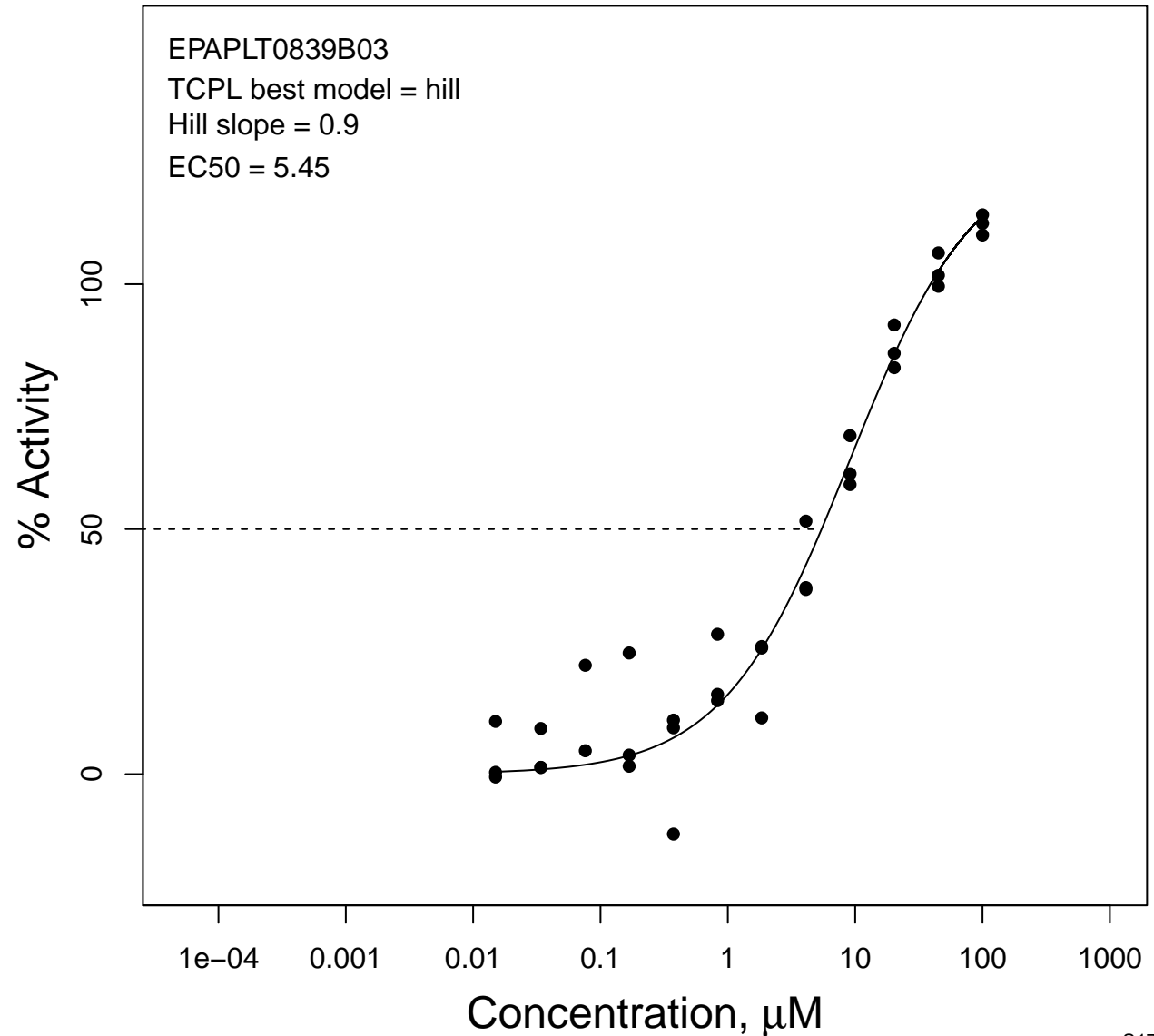
CASRN: 156-10-5

EPAPLT0839B03

TCPL best model = hill

Hill slope = 0.9

EC50 = 5.45



2-(Thiocyanomethylthio)benzothiazole

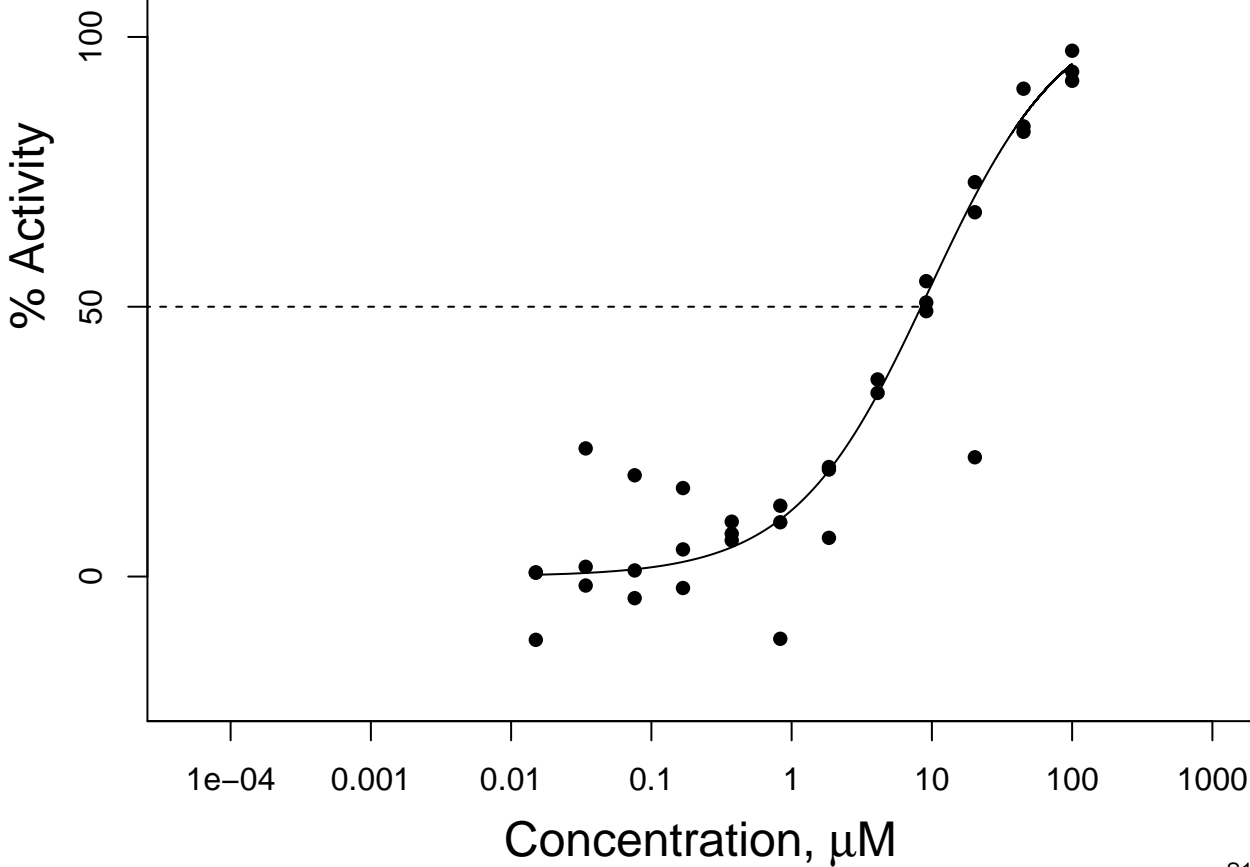
CASRN: 21564-17-0

EPAPLT0839B04

TCPL best model = hill

Hill slope = 0.9

EC50 = 8.38



Sodium 4-nitrophenolate

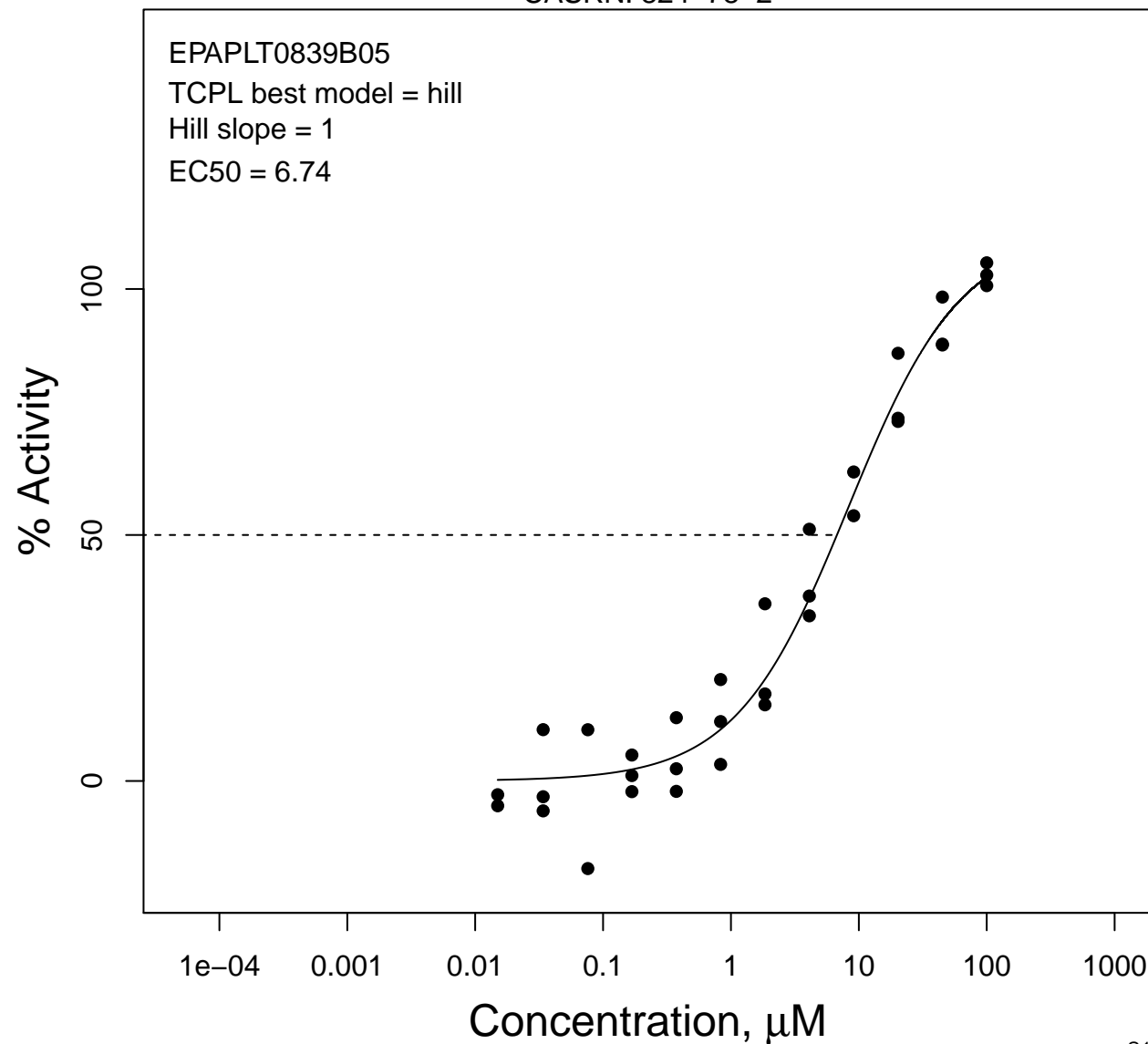
CASRN: 824-78-2

EPAPLT0839B05

TCPL best model = hill

Hill slope = 1

EC50 = 6.74



Hexachlorocyclopentadiene

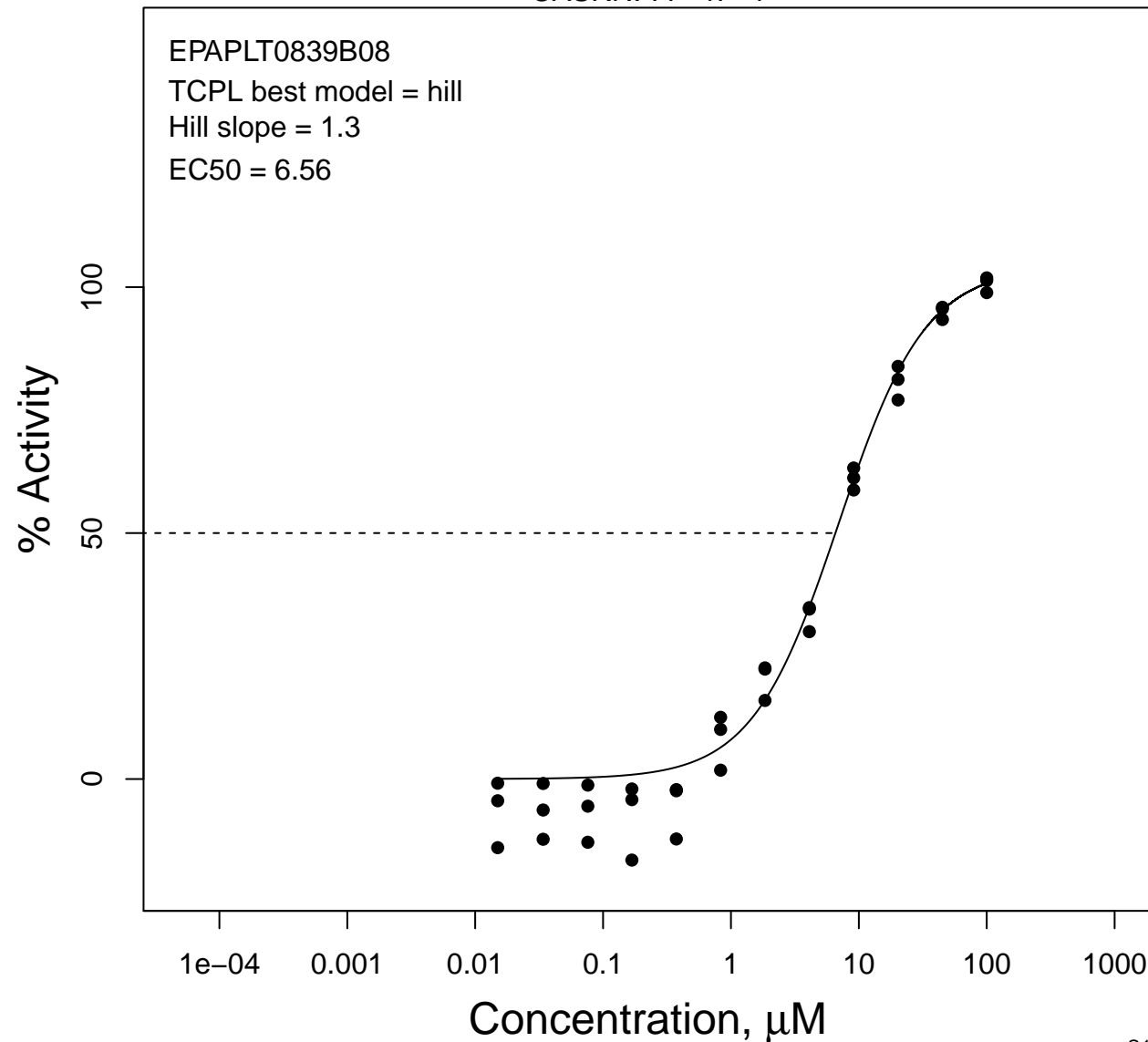
CASRN: 77-47-4

EPAPLT0839B08

TCPL best model = hill

Hill slope = 1.3

EC50 = 6.56



C.I. Acid Yellow 3 disodium salt

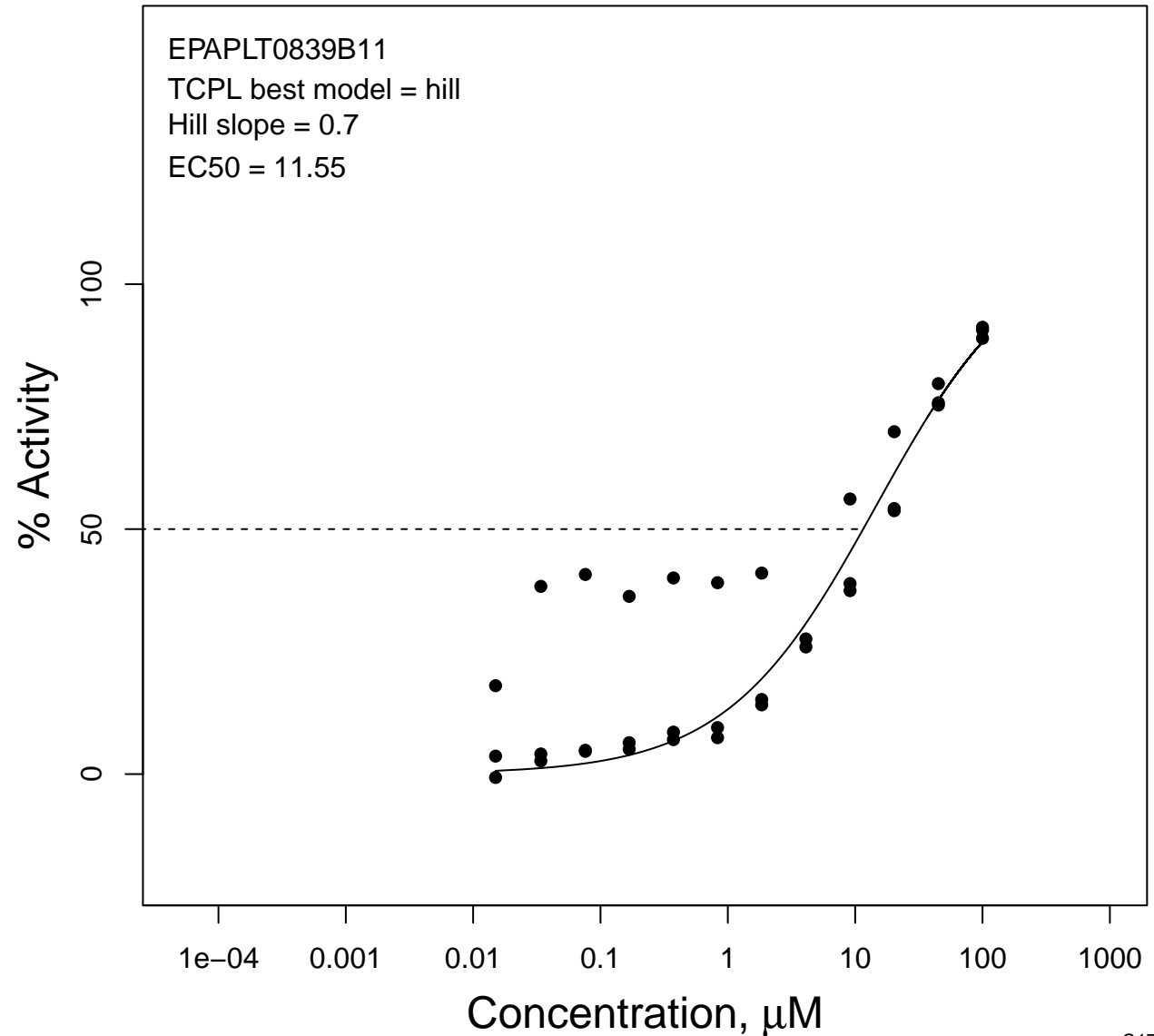
CASRN: 8004-92-0

EPAPLT0839B11

TCPL best model = hill

Hill slope = 0.7

EC50 = 11.55



Temephos

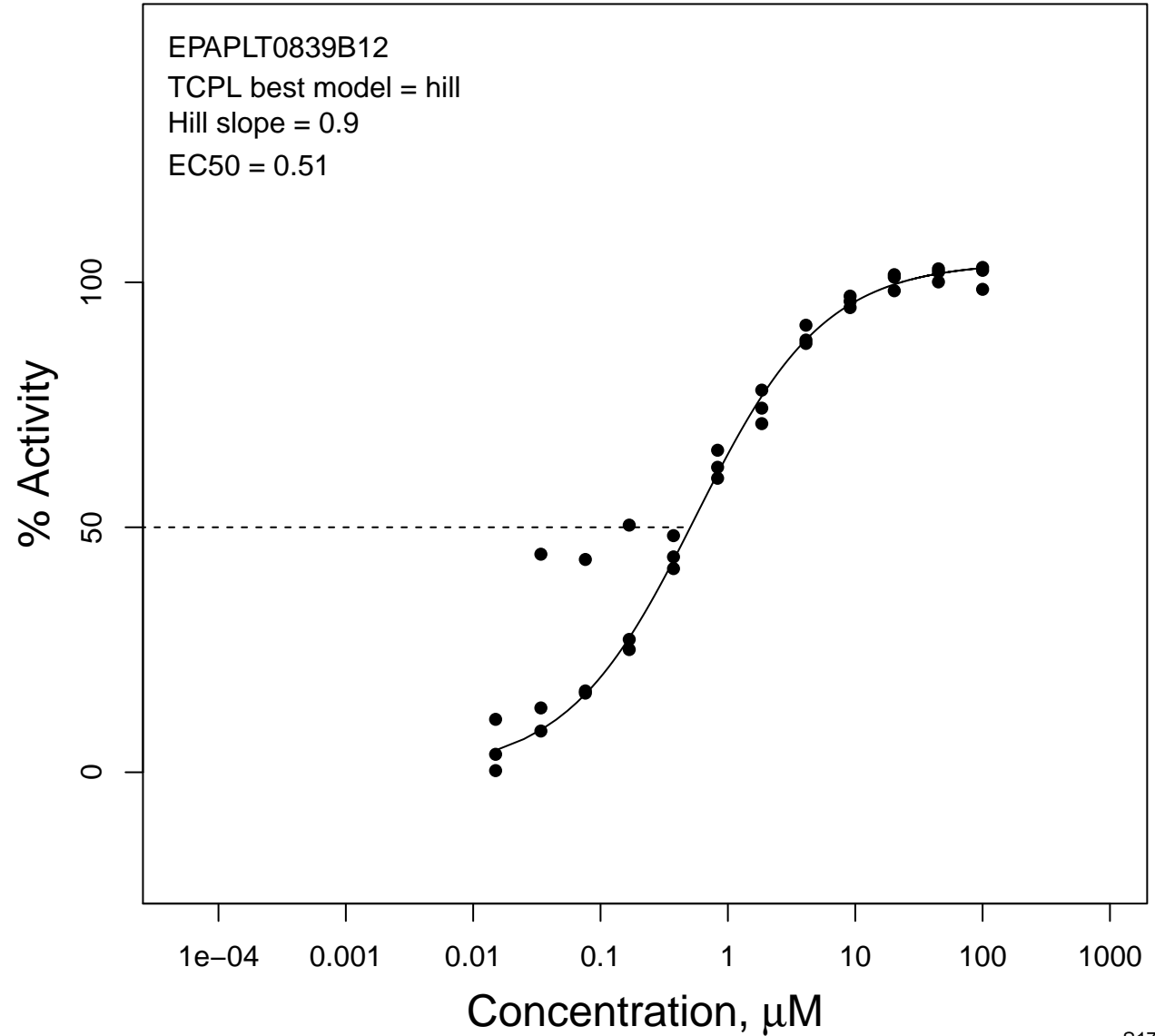
CASRN: 3383-96-8

EPAPLT0839B12

TCPL best model = hill

Hill slope = 0.9

EC50 = 0.51



FR167356

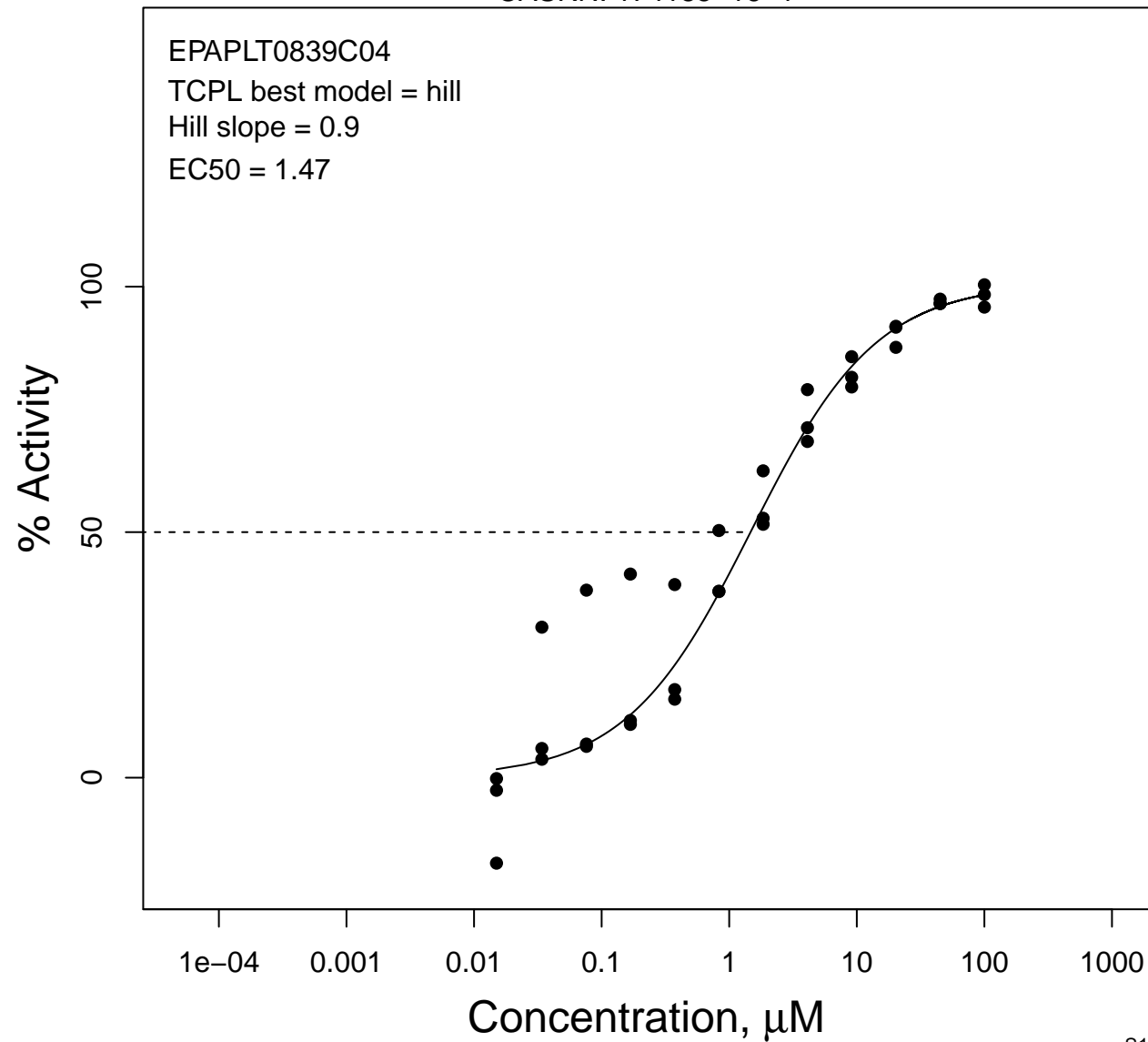
CASRN: 174185-16-1

EPAPLT0839C04

TCPL best model = hill

Hill slope = 0.9

EC50 = 1.47



2-Phenylphenol

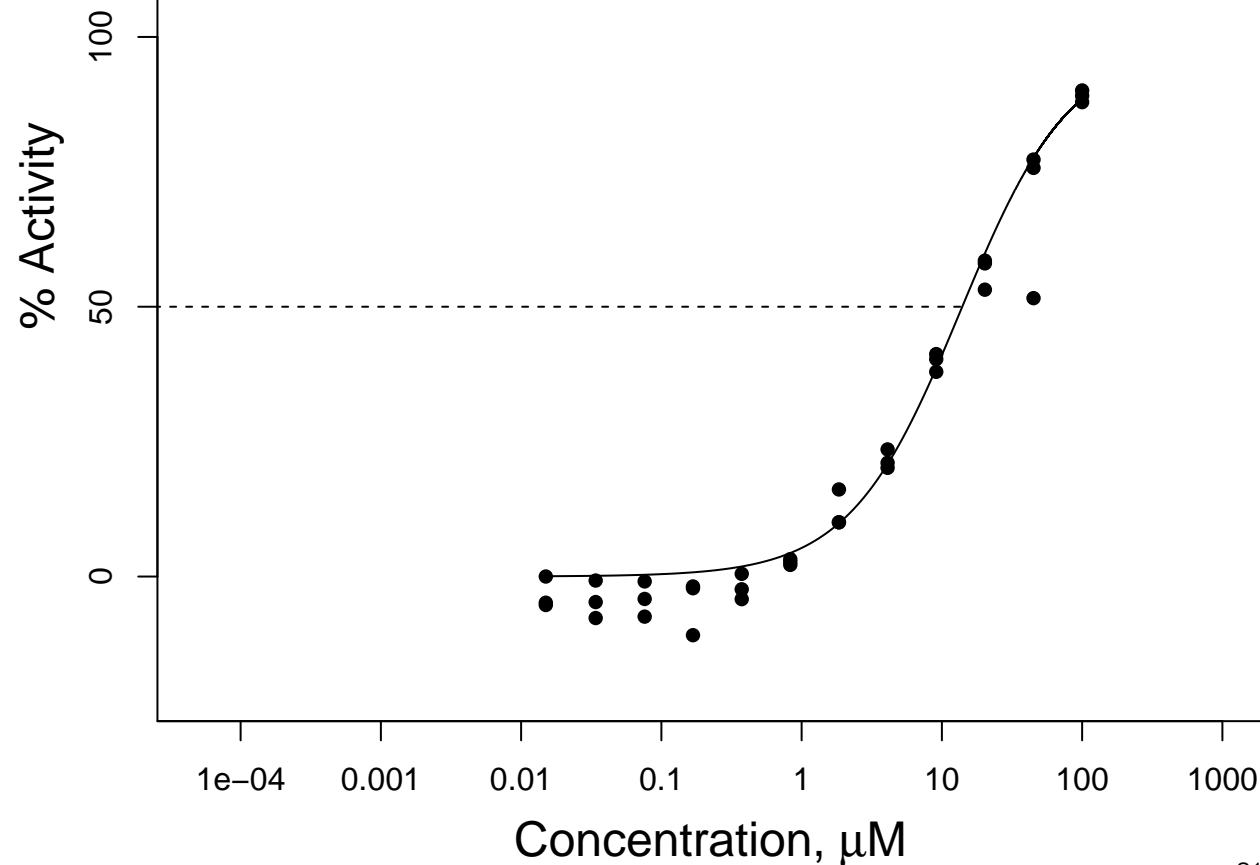
CASRN: 90-43-7

EPAPLT0839C05

TCPL best model = hill

Hill slope = 1.1

EC50 = 13.97



Farnesol

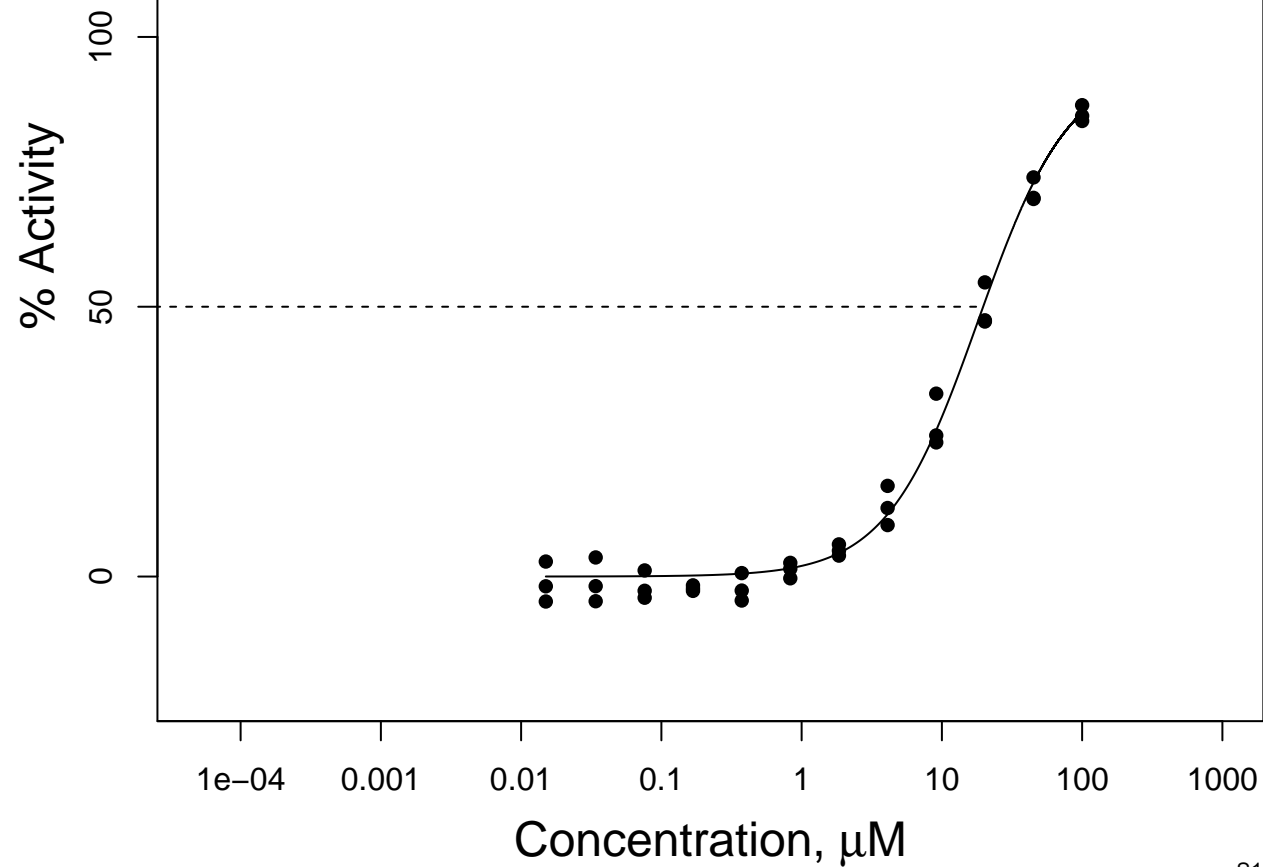
CASRN: 4602-84-0

EPAPLT0839C08

TCPL best model = hill

Hill slope = 1.3

EC50 = 19.69



Monotridecyl phosphate

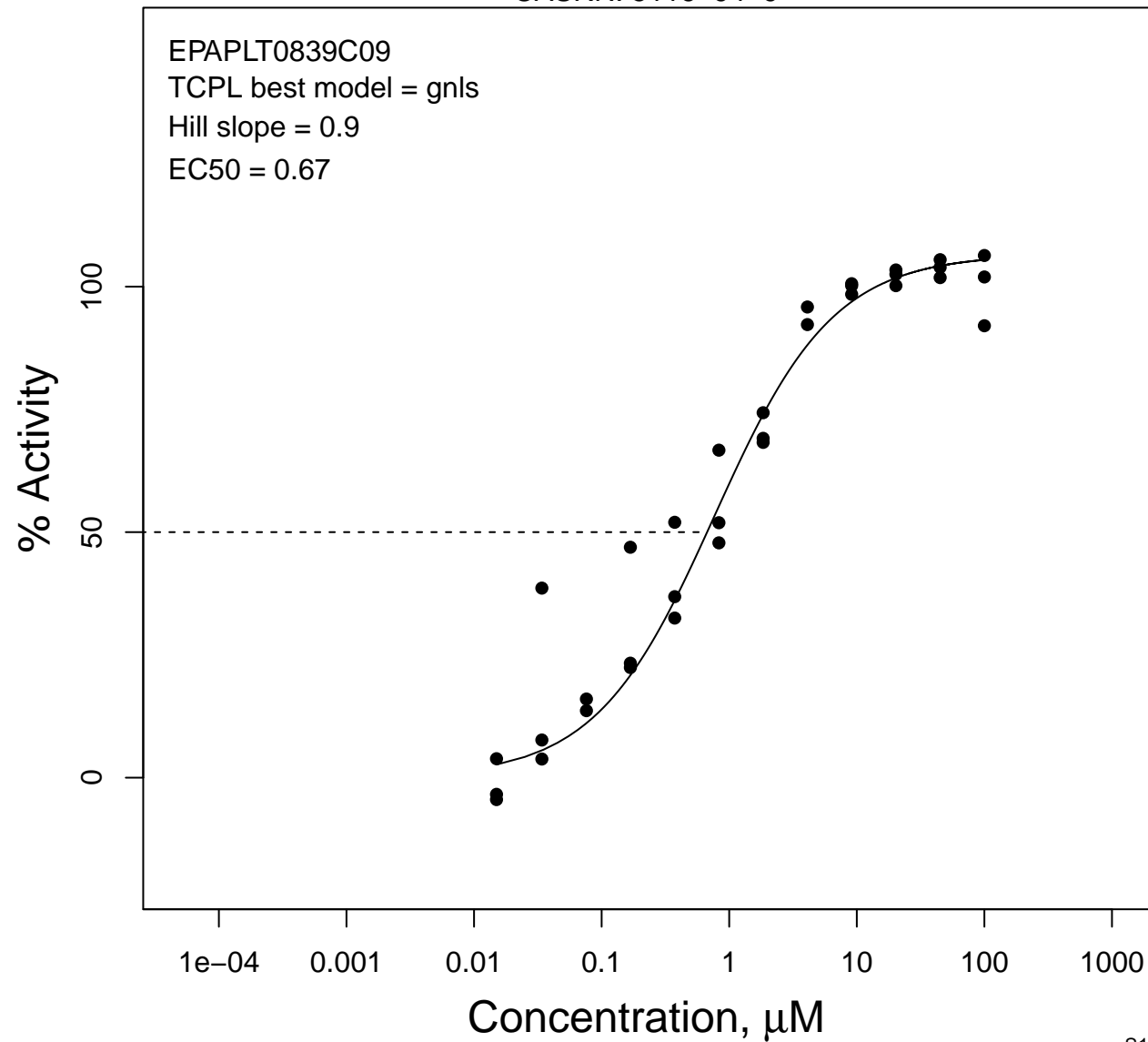
CASRN: 5116-94-9

EPAPLT0839C09

TCPL best model = gnl5

Hill slope = 0.9

EC50 = 0.67



Apigenin

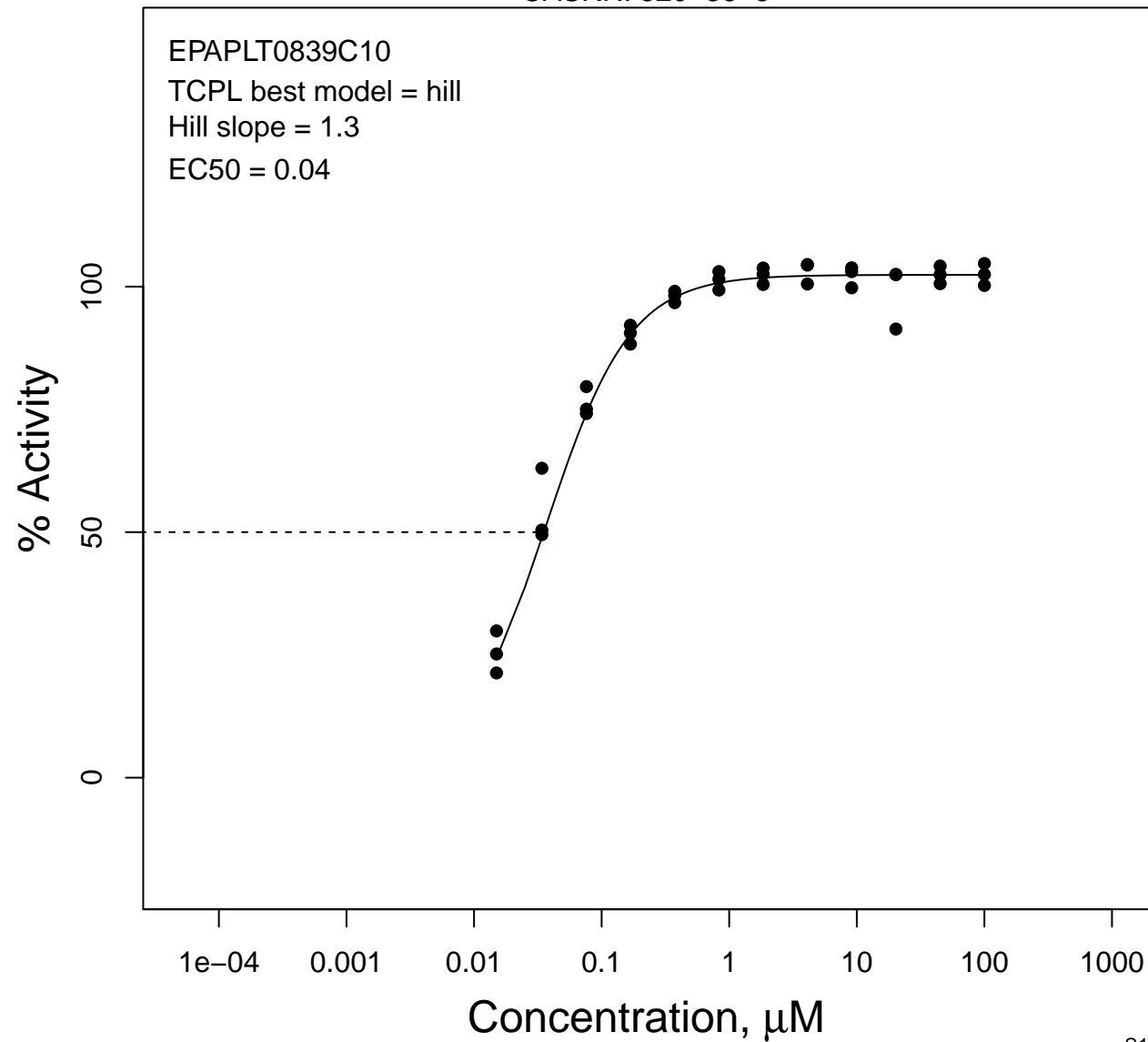
CASRN: 520-36-5

EPAPLT0839C10

TCPL best model = hill

Hill slope = 1.3

EC50 = 0.04



2-Hydroxy-4-methoxybenzophenone

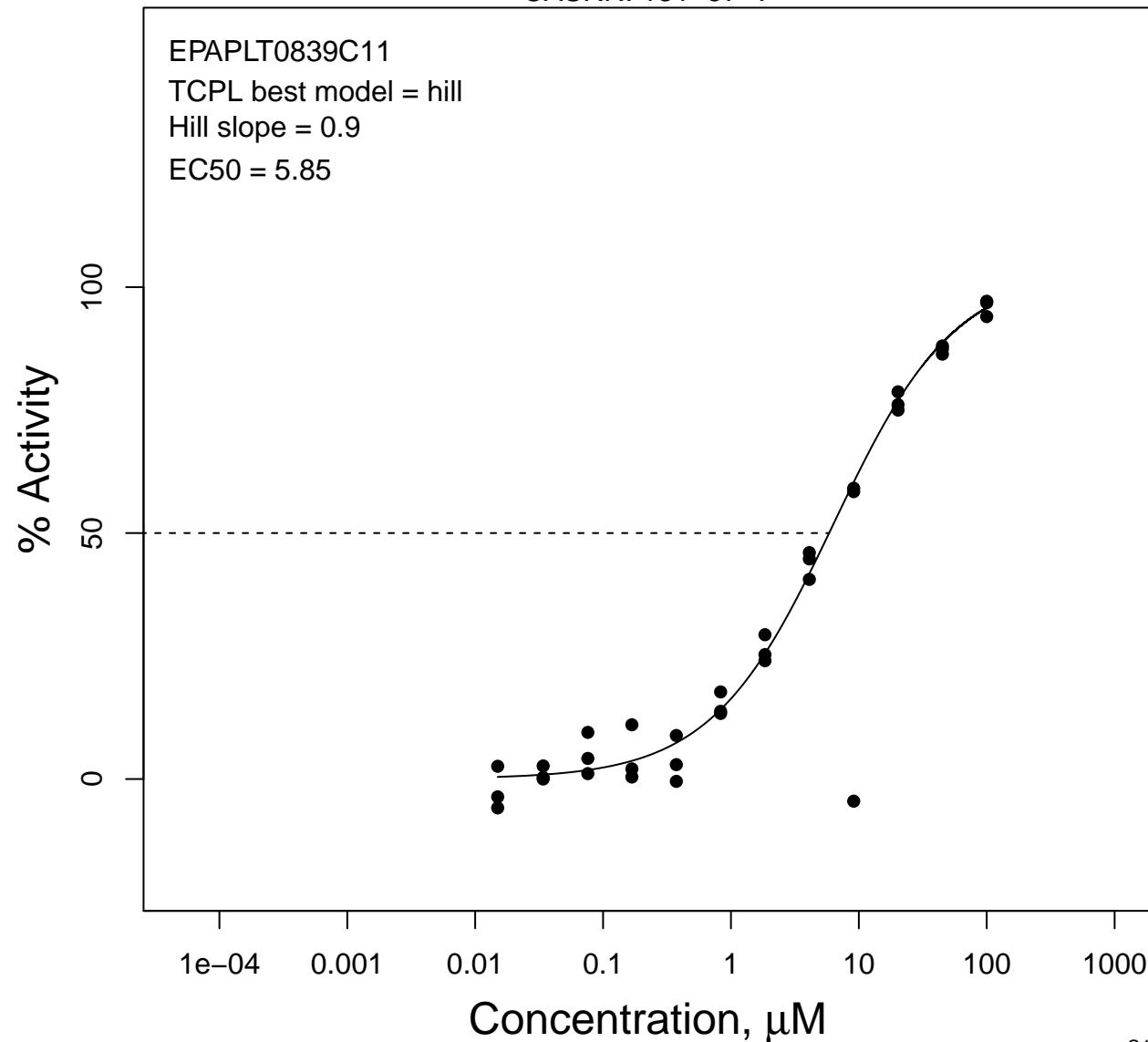
CASRN: 131-57-7

EPAPLT0839C11

TCPL best model = hill

Hill slope = 0.9

EC50 = 5.85



2,4-D-ethyl ester

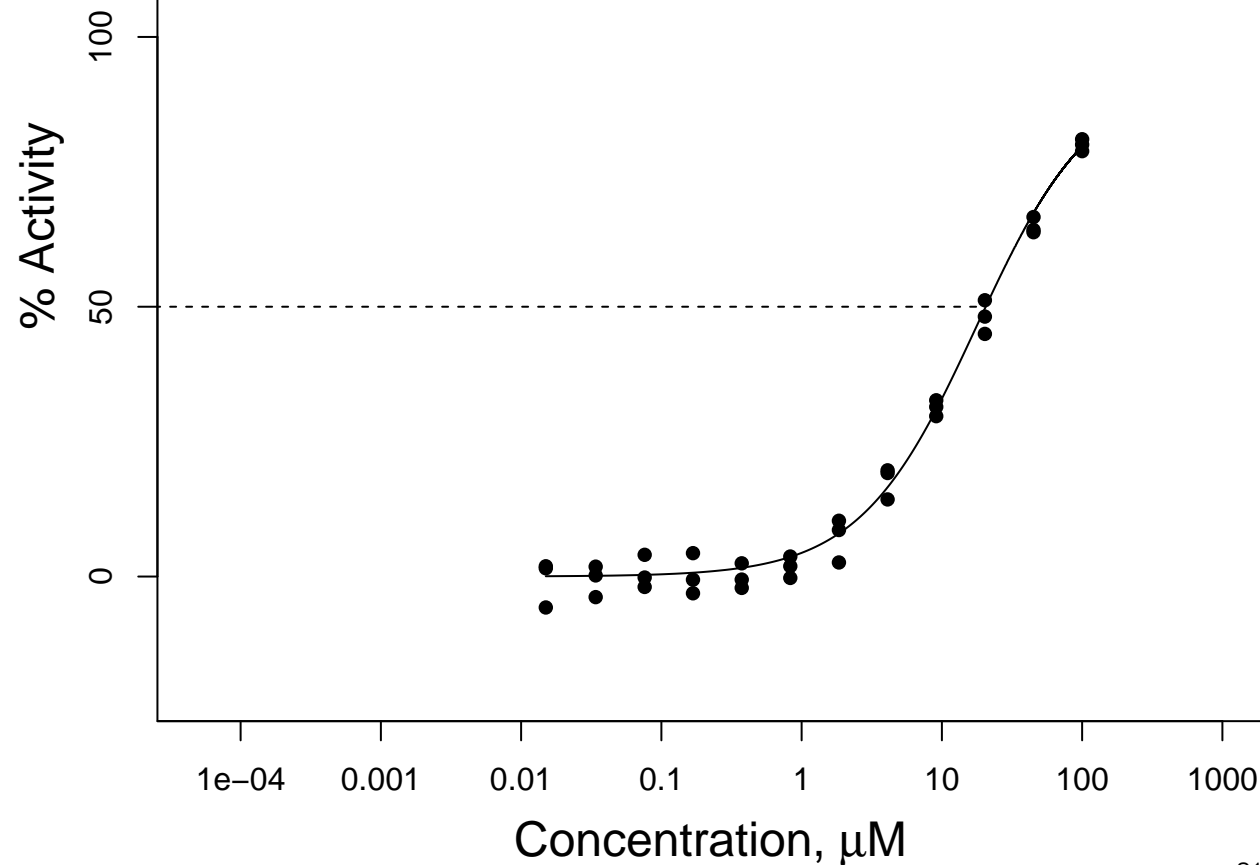
CASRN: 533-23-3

EPAPLT0839C12

TCPL best model = hill

Hill slope = 1

EC50 = 20.53



Fludioxonil

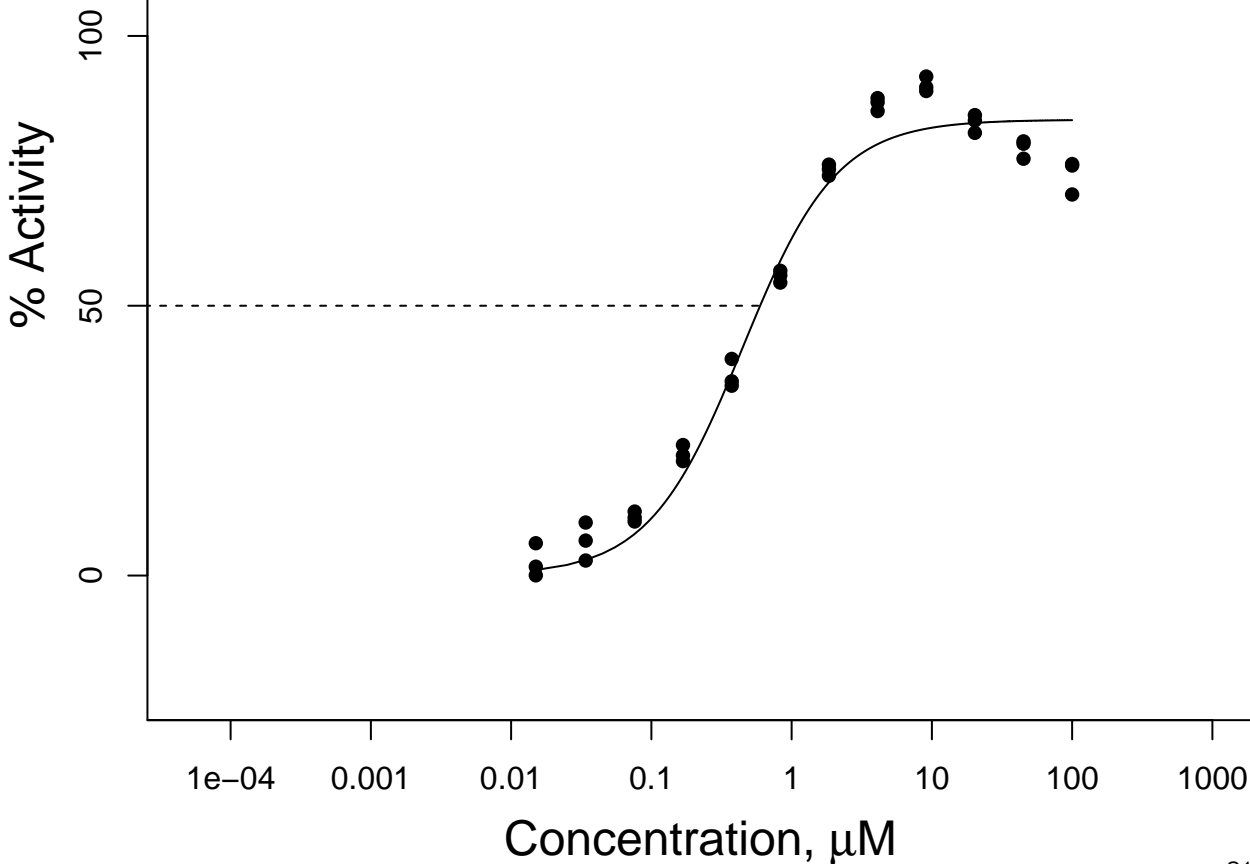
CASRN: 131341-86-1

EPAPLT0839D02

TCPL best model = gnls

Hill slope = 1.3

EC50 = 0.6



3-Phenoxybenzoic acid

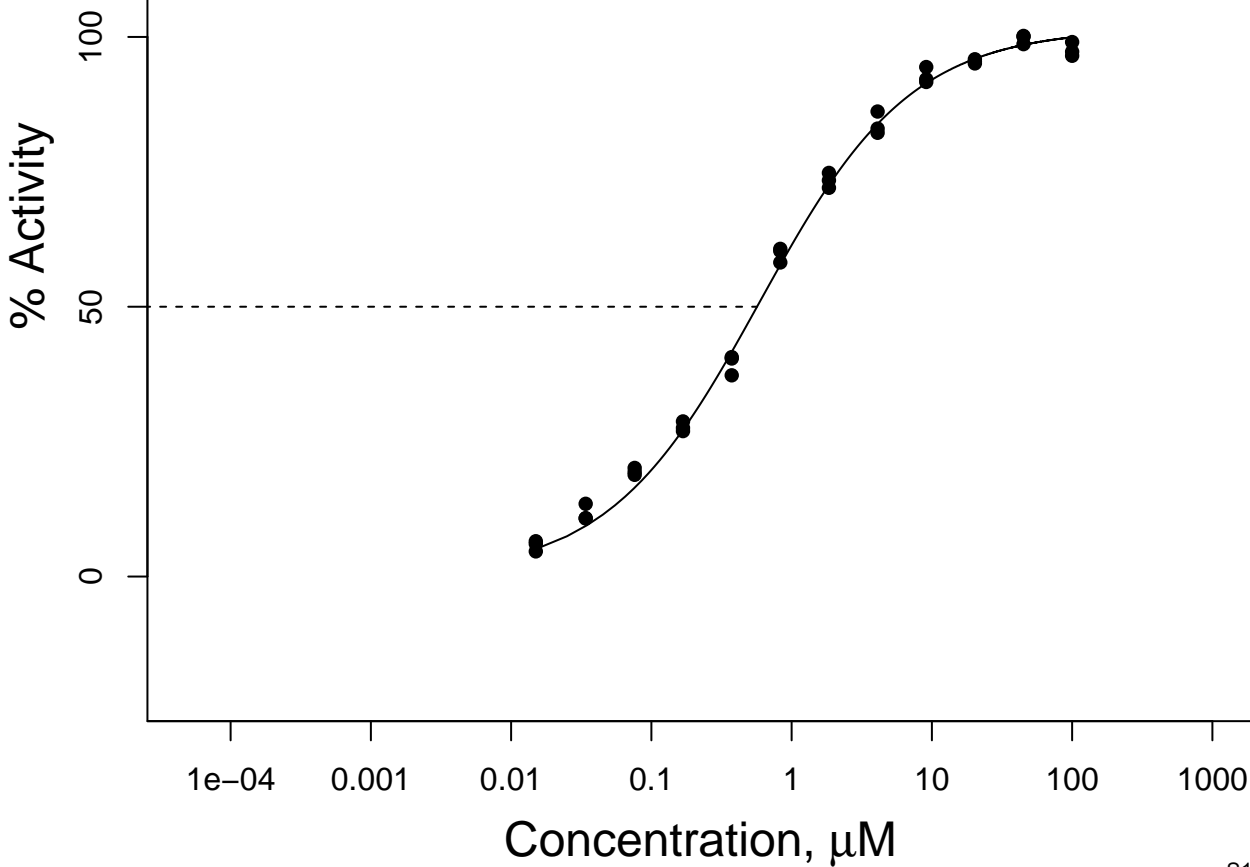
CASRN: 3739-38-6

EPAPLT0839D03

TCPL best model = gnl5

Hill slope = 0.8

EC50 = 0.57



4-Chlorobenzotrichloride

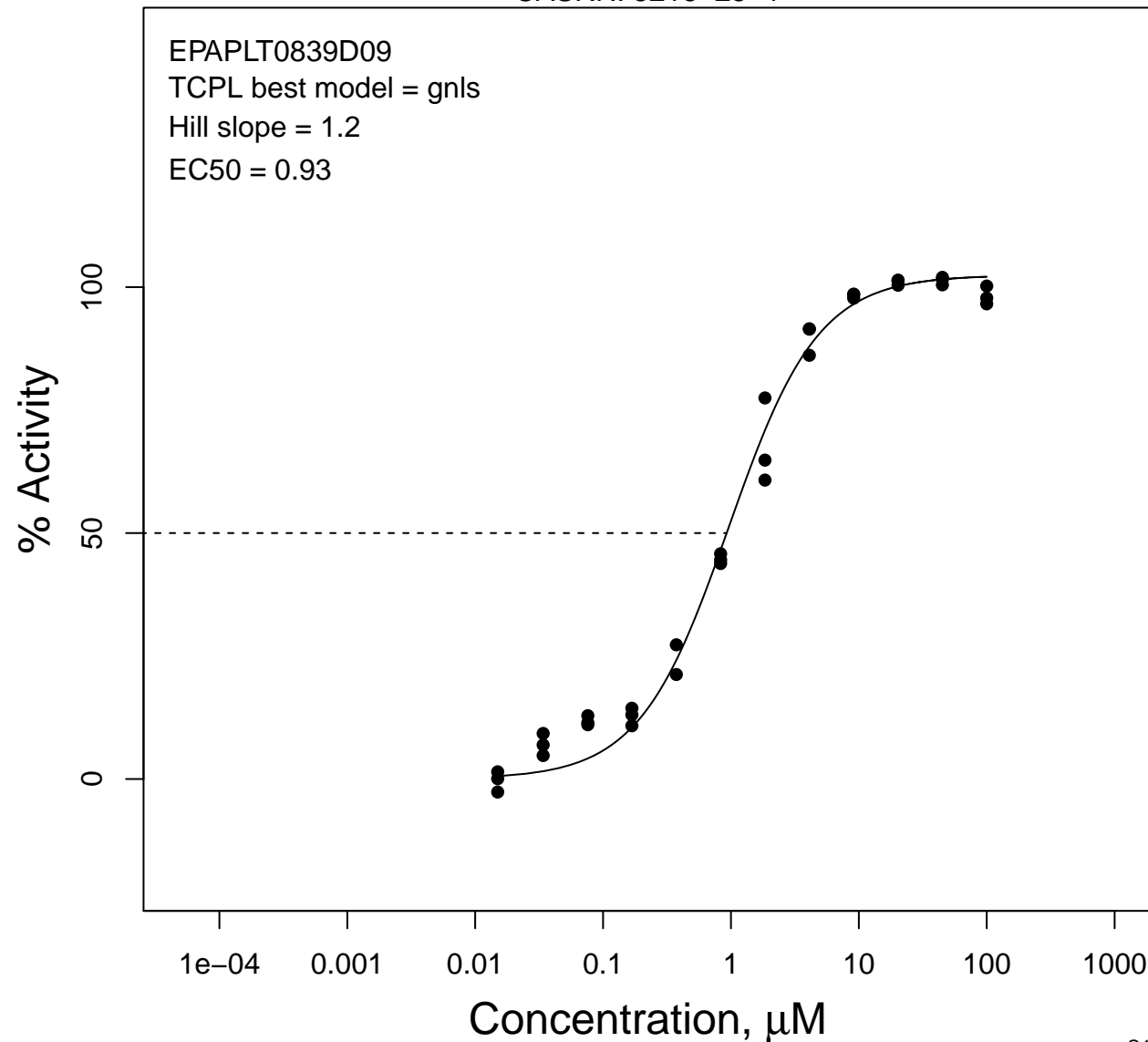
CASRN: 5216-25-1

EPAPLT0839D09

TCPL best model = gnls

Hill slope = 1.2

EC50 = 0.93



Etridiazole

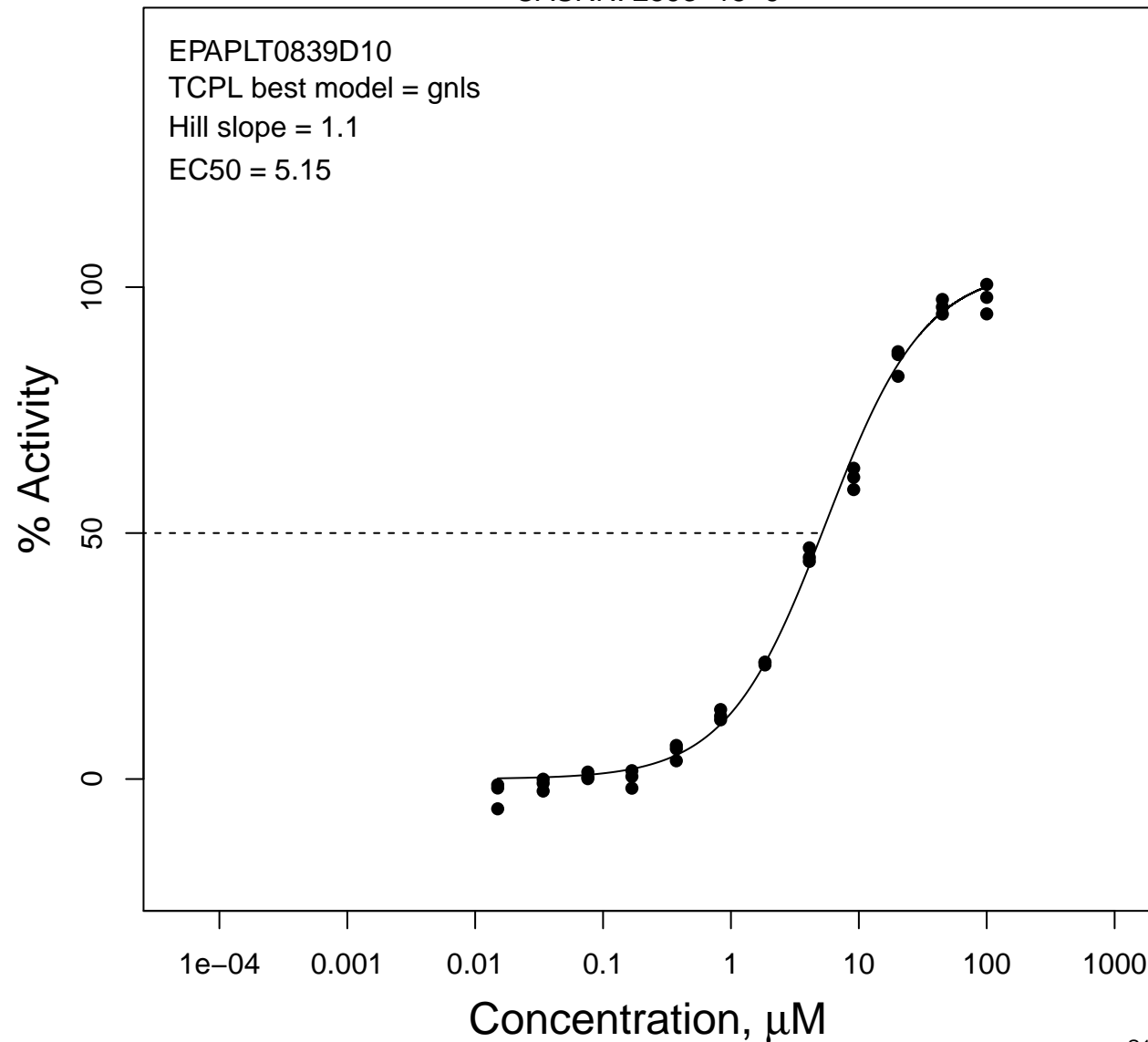
CASRN: 2593-15-9

EPAPLT0839D10

TCPL best model = gnls

Hill slope = 1.1

EC50 = 5.15



Chlorpyrifos oxon

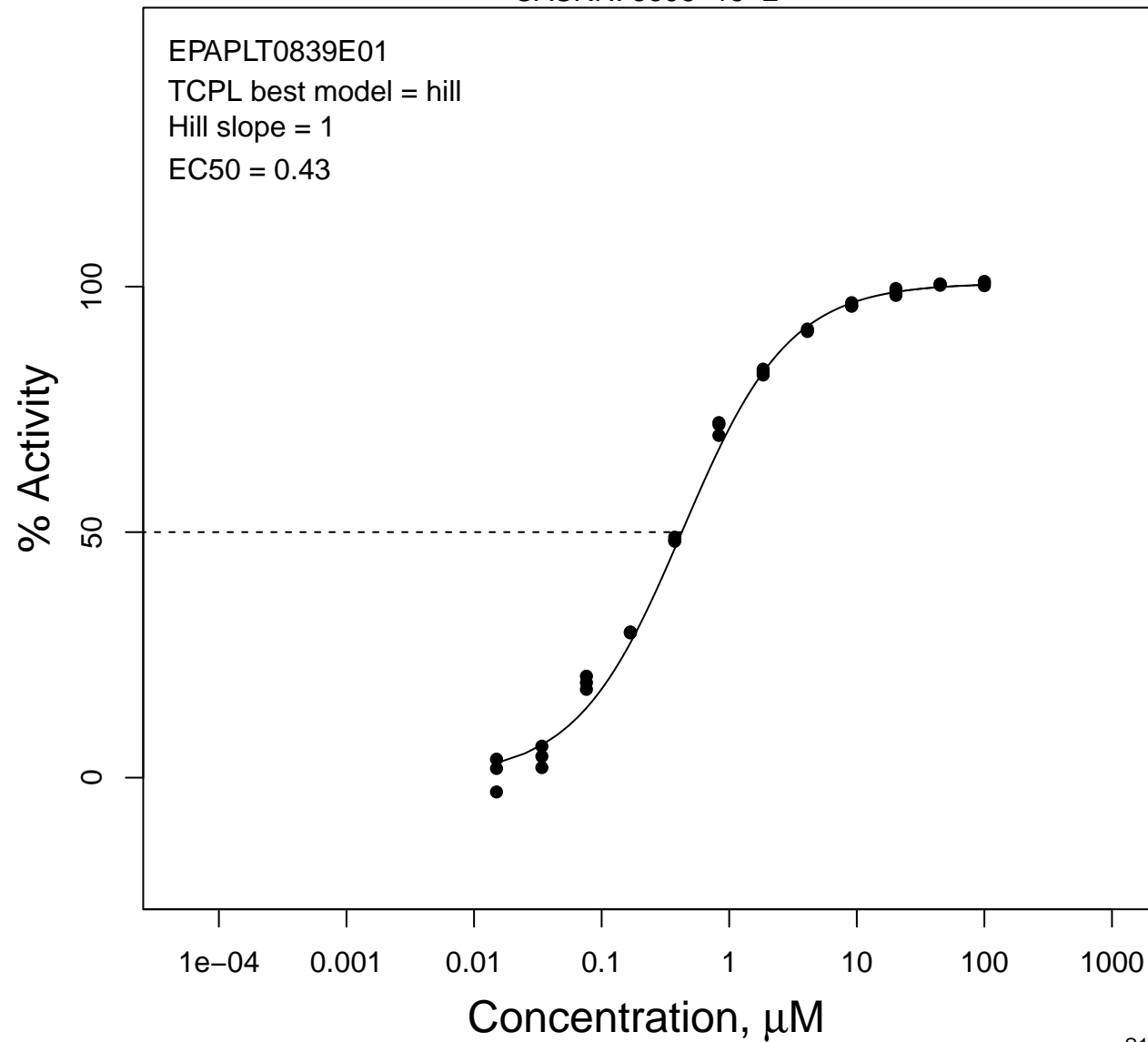
CASRN: 5598-15-2

EPAPLT0839E01

TCPL best model = hill

Hill slope = 1

EC50 = 0.43



Gallic acid n-propyl ester

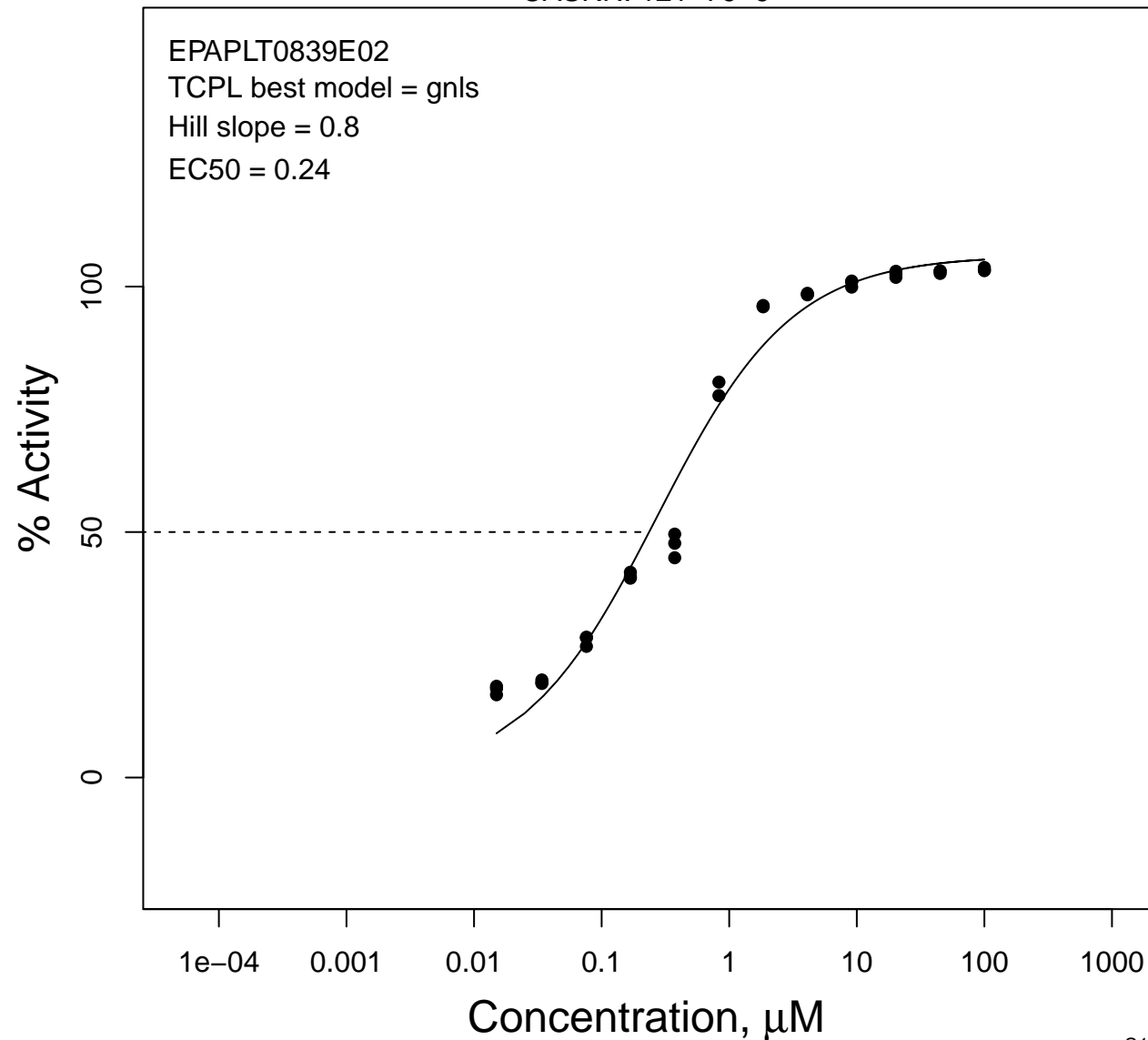
CASRN: 121-79-9

EPAPLT0839E02

TCPL best model = gnls

Hill slope = 0.8

EC50 = 0.24



MEHP

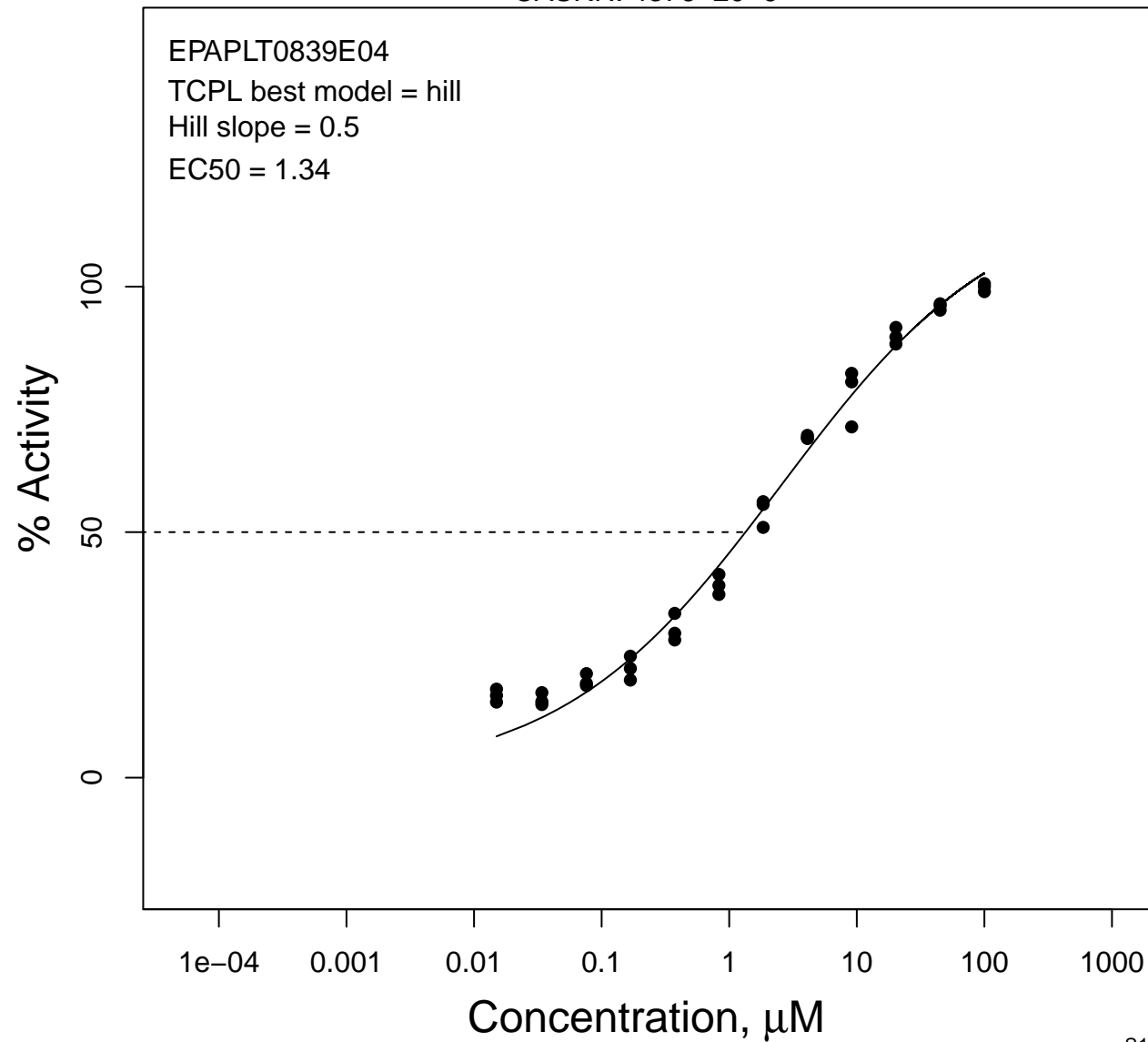
CASRN: 4376-20-9

EPAPLT0839E04

TCPL best model = hill

Hill slope = 0.5

EC50 = 1.34



Methyl parathion

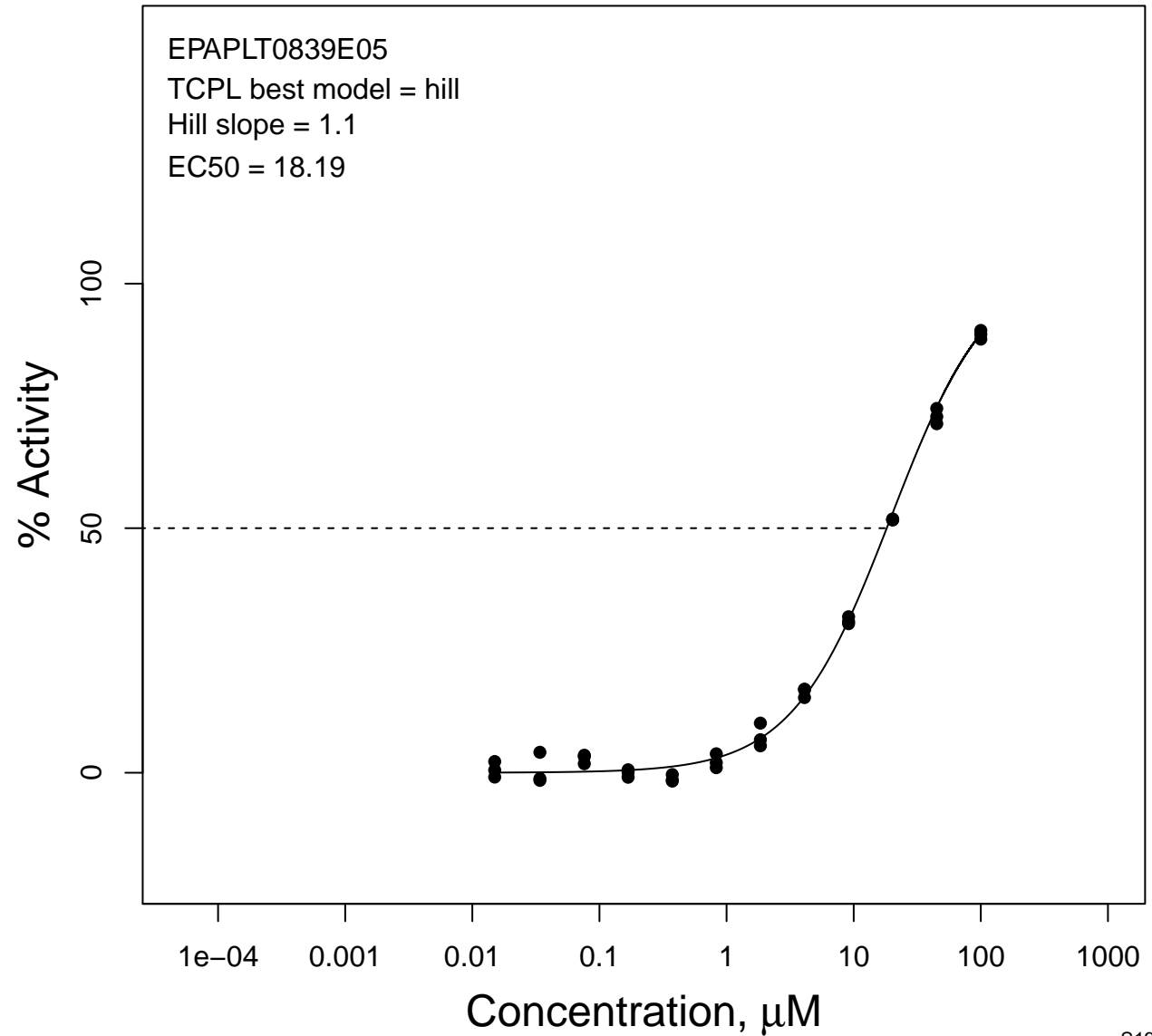
CASRN: 298-00-0

EPAPLT0839E05

TCPL best model = hill

Hill slope = 1.1

EC50 = 18.19



Azobenzene

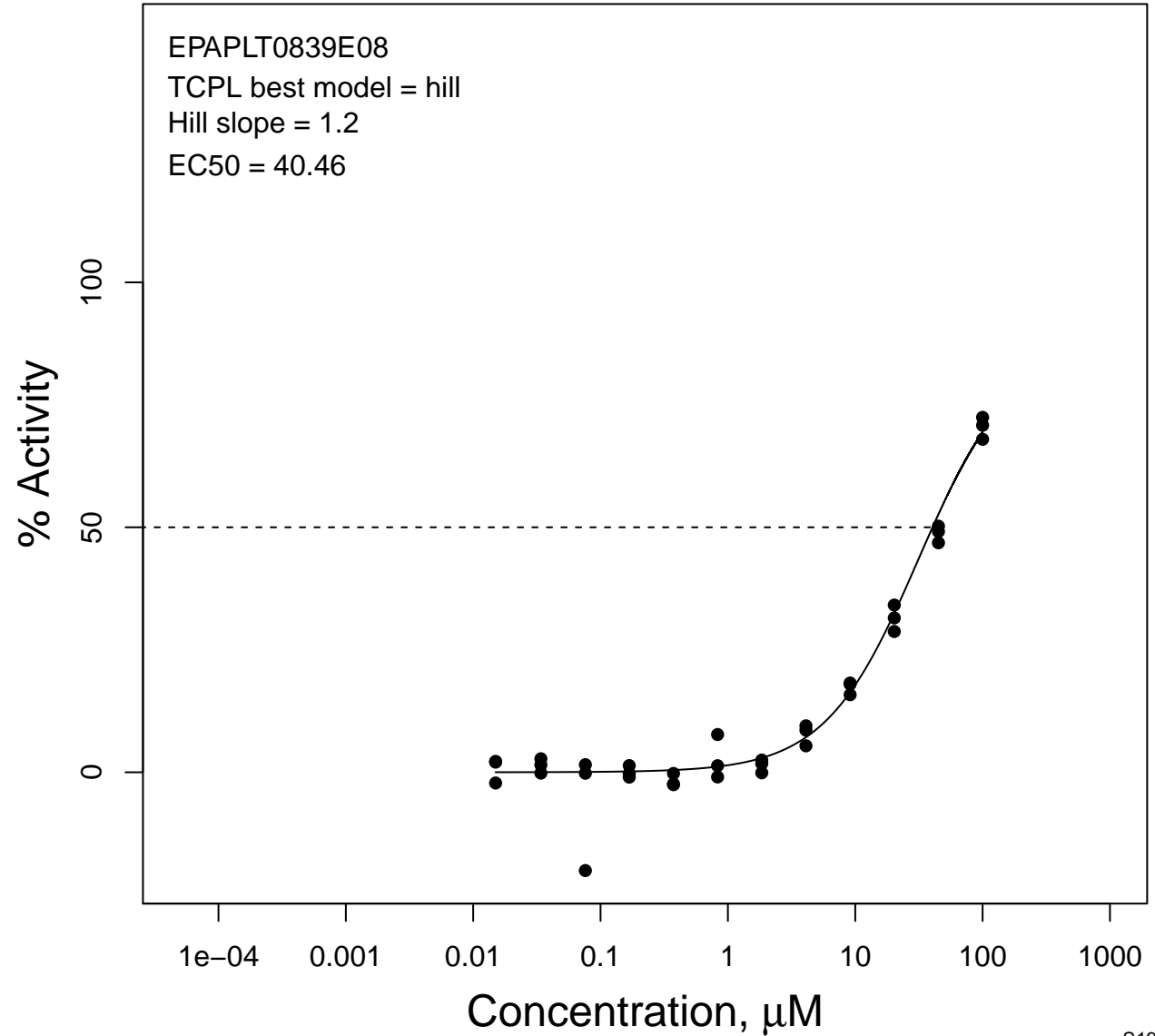
CASRN: 103-33-3

EPAPLT0839E08

TCPL best model = hill

Hill slope = 1.2

EC50 = 40.46



Tralkoxydim

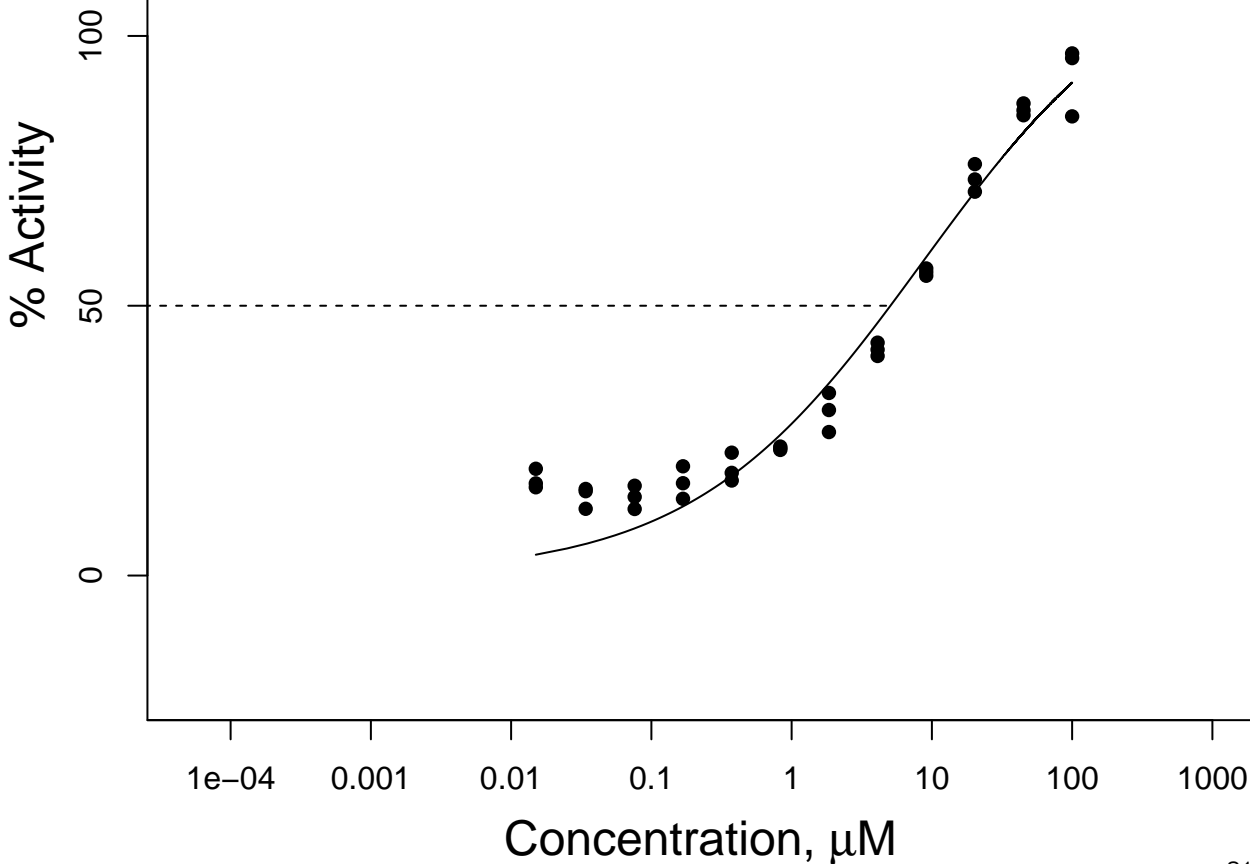
CASRN: 87820-88-0

EPAPLT0839E11

TCPL best model = hill

Hill slope = 0.5

EC50 = 5.06



4-(1,1,3,3-Tetramethylbutyl)phenol

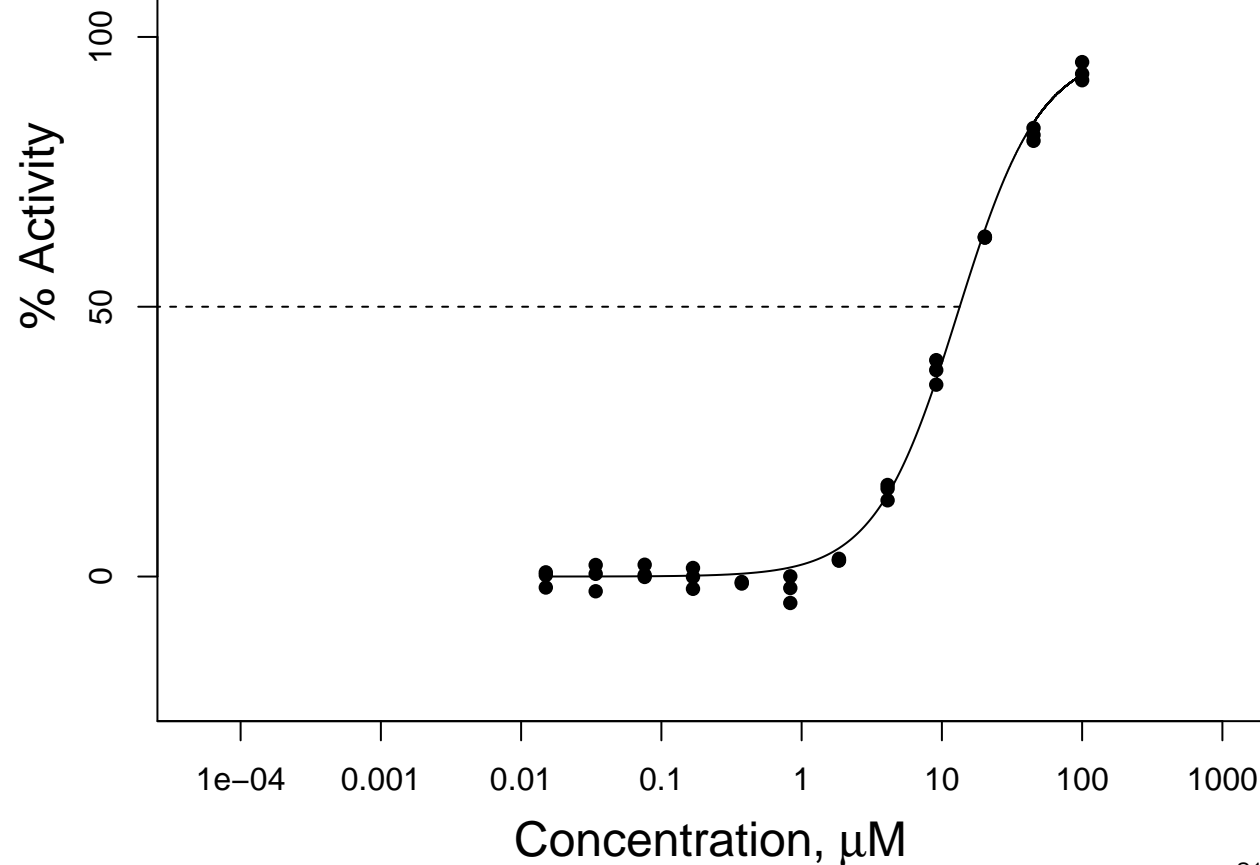
CASRN: 140-66-9

EPAPLT0839F01

TCPL best model = hill

Hill slope = 1.5

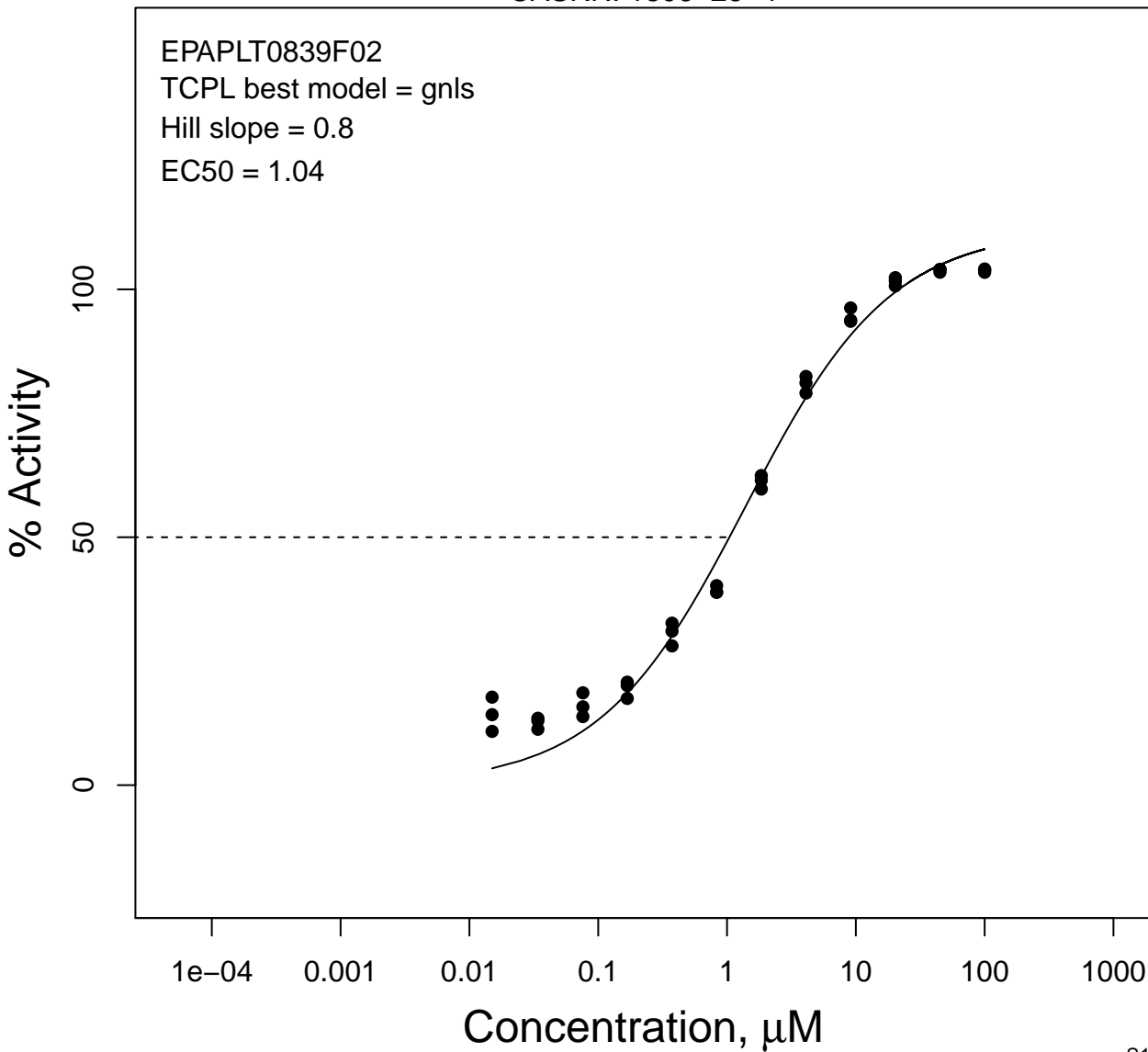
EC50 = 13.4



4-Octylphenol

CASRN: 1806-26-4

EPAPLT0839F02
TCPL best model = gnls
Hill slope = 0.8
EC50 = 1.04



Gemfibrozil

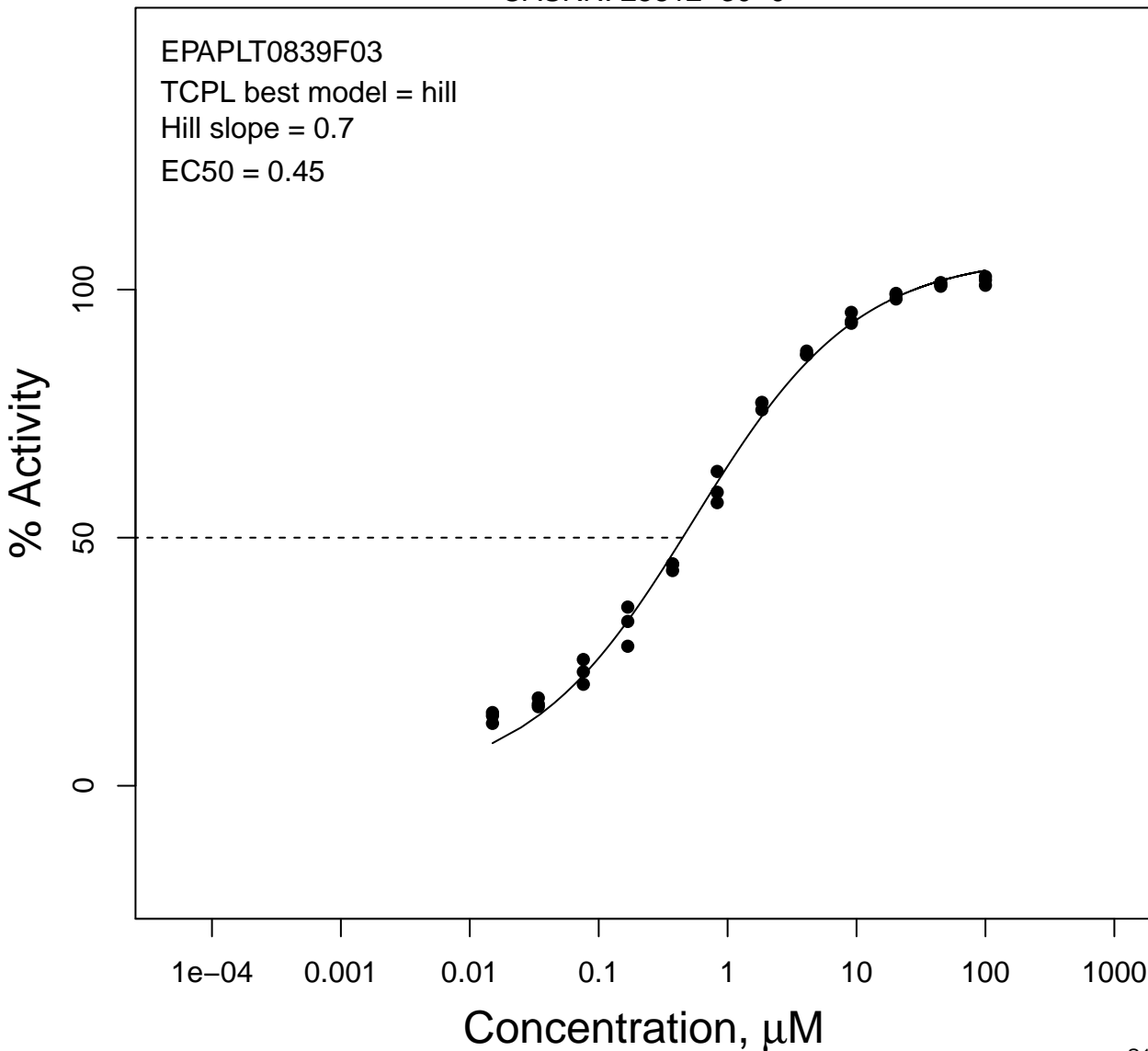
CASRN: 25812-30-0

EPAPLT0839F03

TCPL best model = hill

Hill slope = 0.7

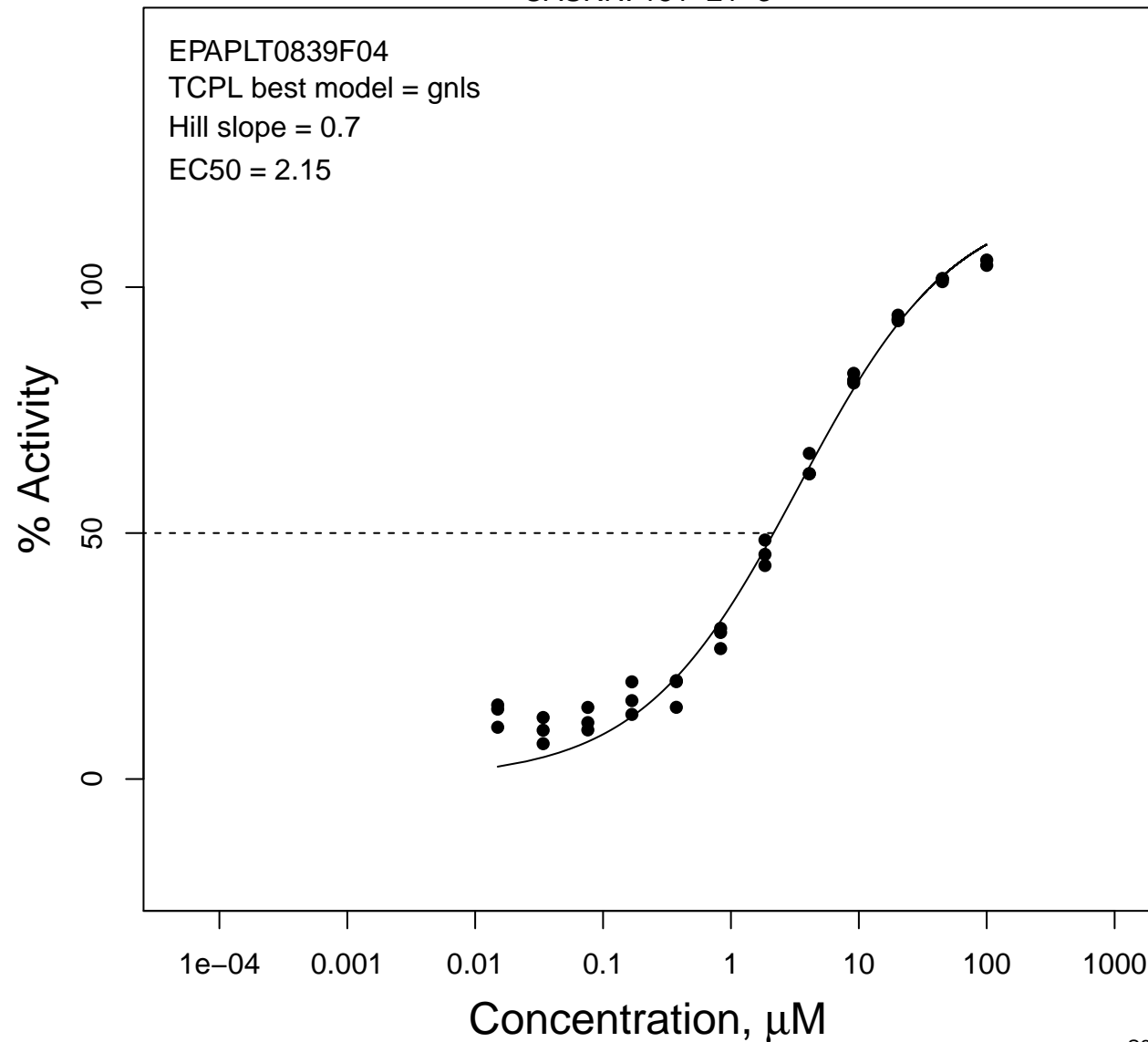
EC50 = 0.45



Sodium dodecyl sulfate

CASRN: 151-21-3

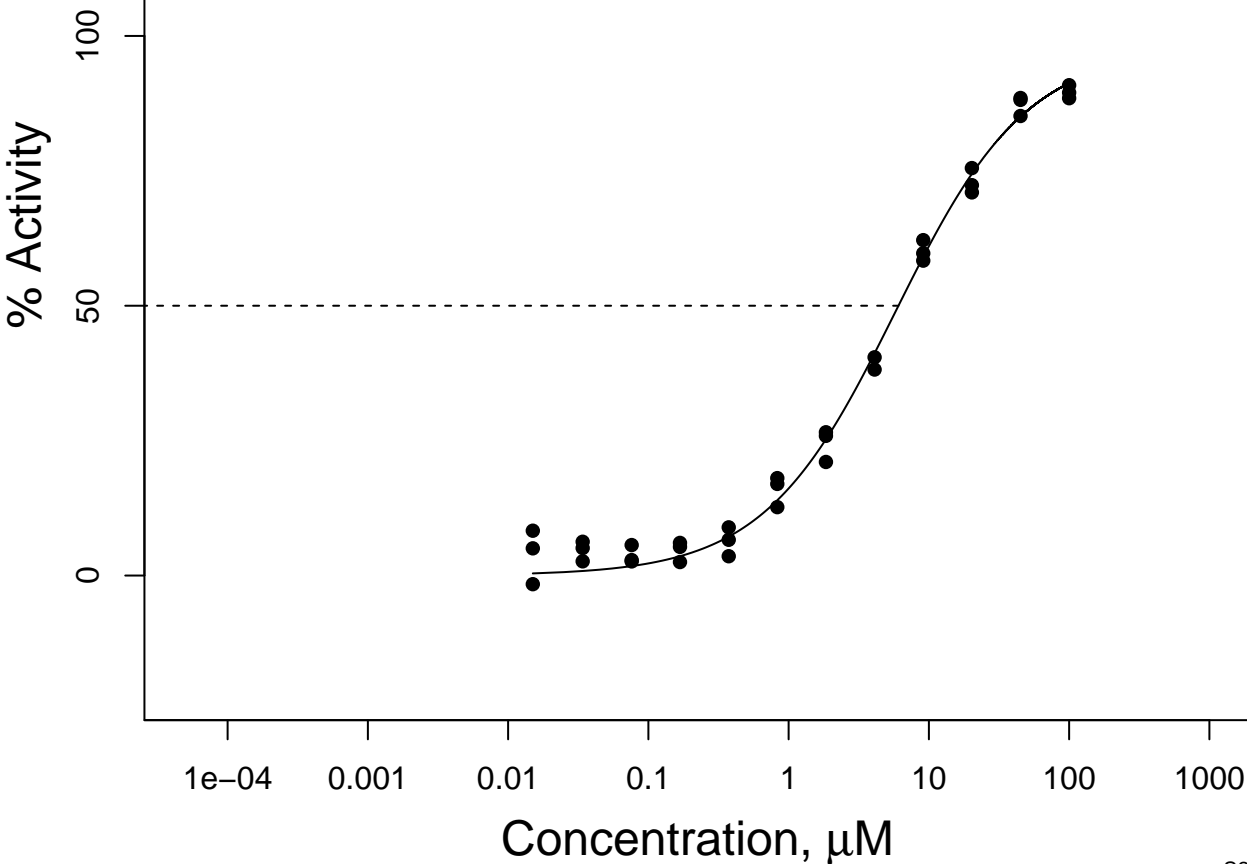
EPAPLT0839F04
TCPL best model = gnls
Hill slope = 0.7
EC50 = 2.15



Fluoxastrobin

CASRN: 361377-29-9

EPAPLT0839F06
TCPL best model = gnls
Hill slope = 0.9
EC50 = 6.07



Clove leaf oil

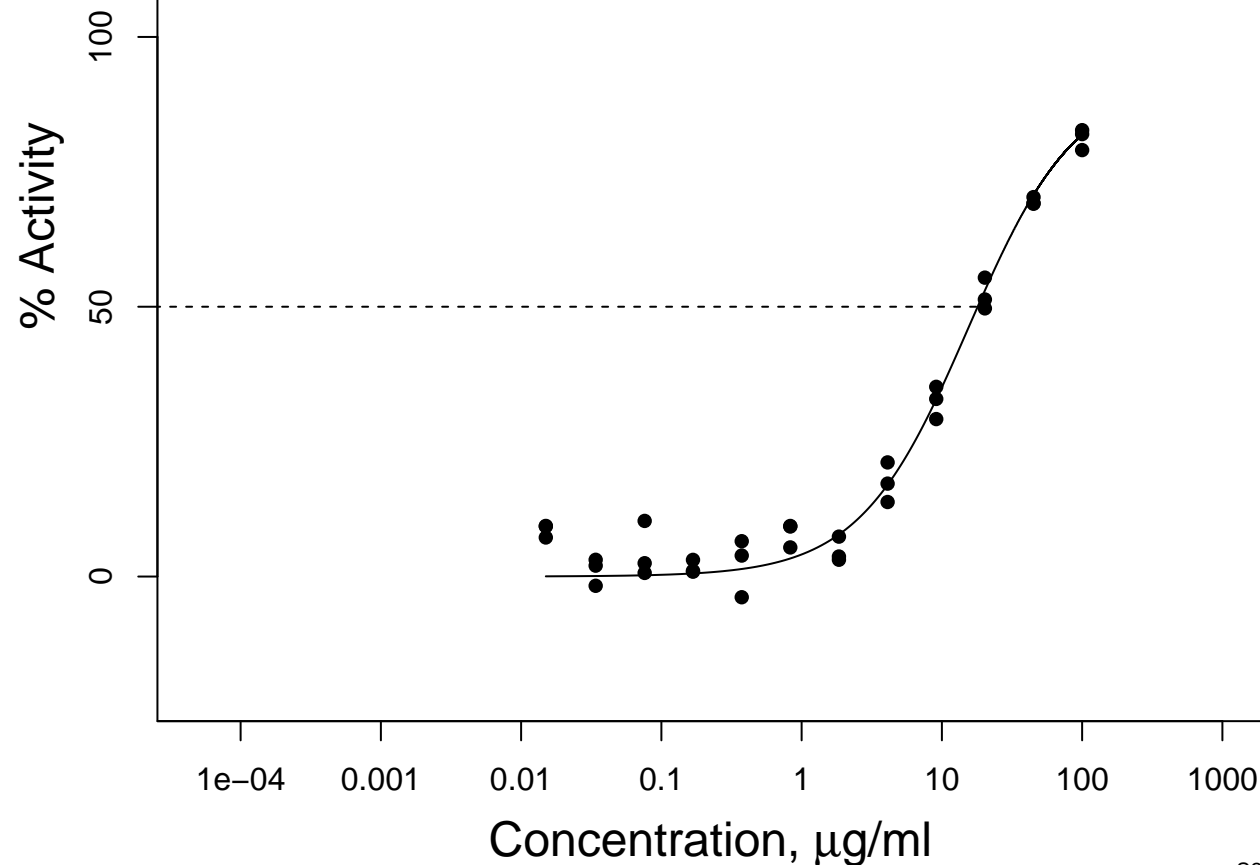
CASRN: 8000-34-8

EPAPLT0839F07

TCPL best model = hill

Hill slope = 1.1

EC50 = 17.99



1-(Bromomethyl)-3-phenoxybenzene

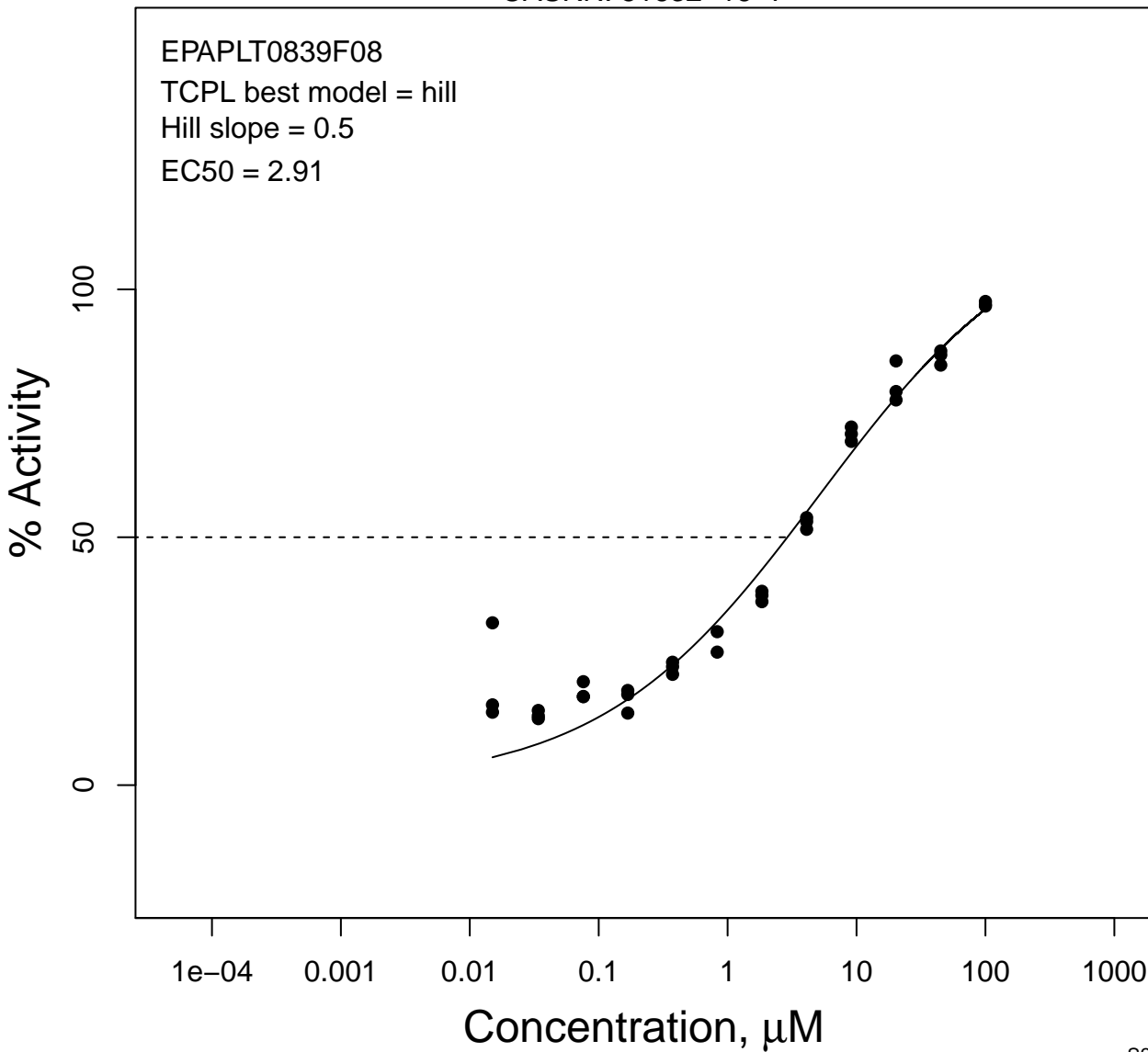
CASRN: 51632-16-7

EPAPLT0839F08

TCPL best model = hill

Hill slope = 0.5

EC50 = 2.91



3-Hydroxyfluorene

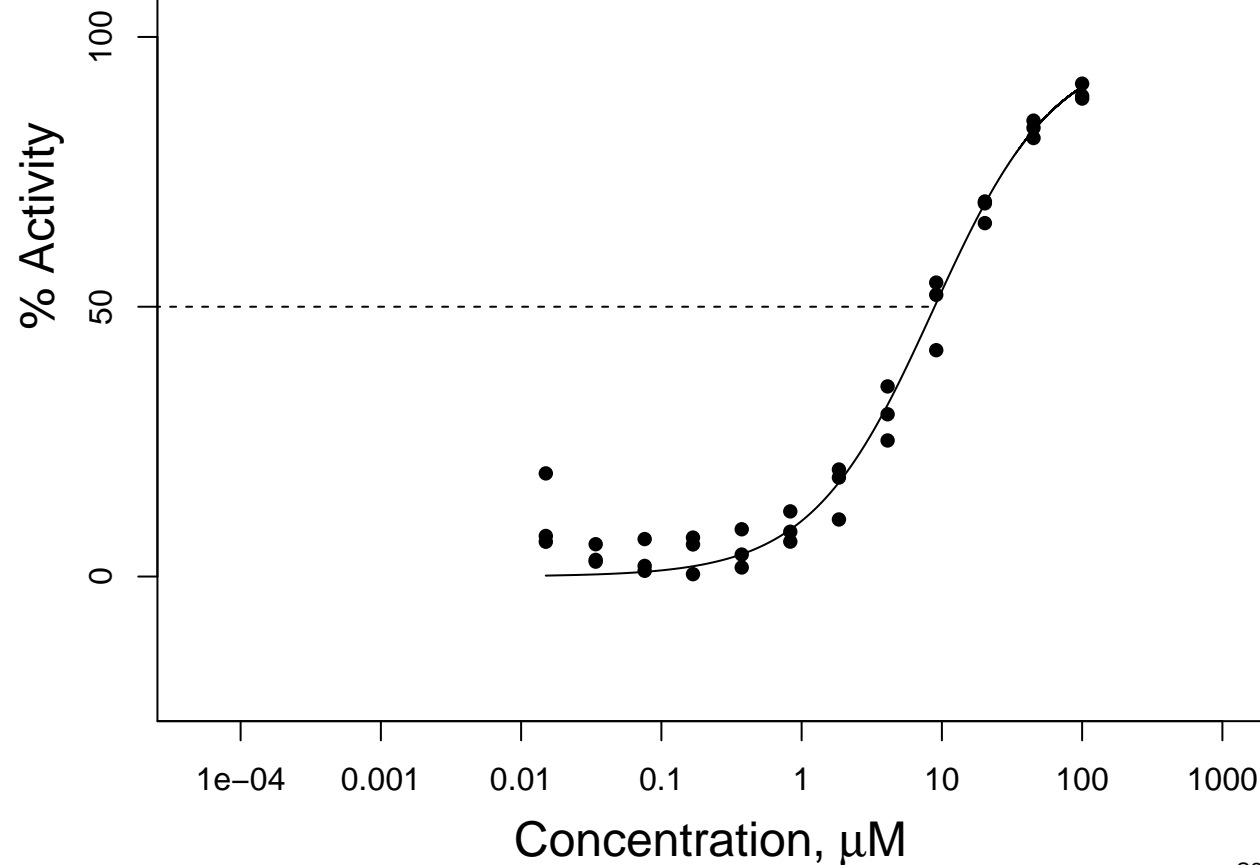
CASRN: 6344-67-8

EPAPLT0839F09

TCPL best model = hill

Hill slope = 1

EC50 = 8.87



2-Hydroxybenzophenone

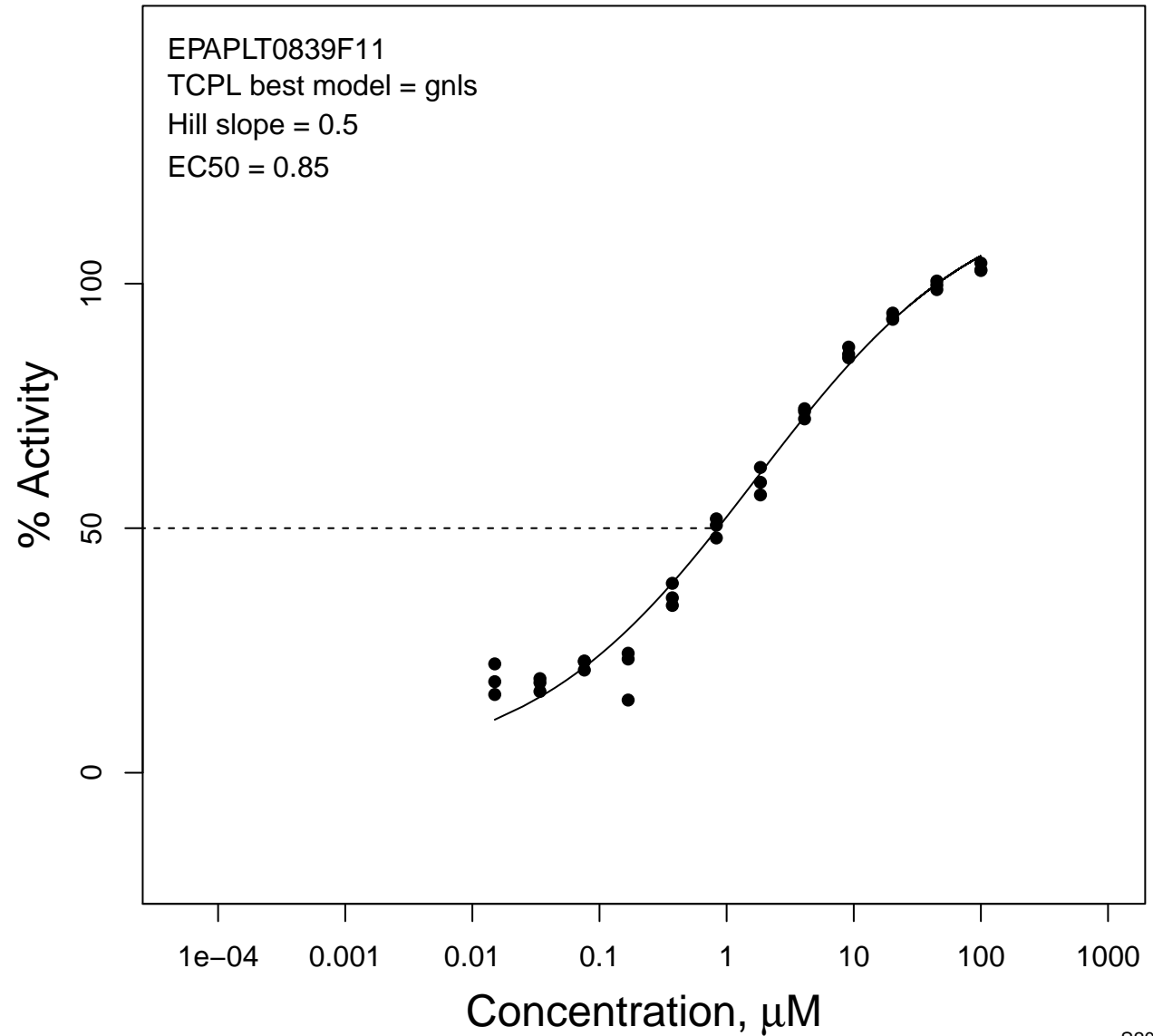
CASRN: 117-99-7

EPAPLT0839F11

TCPL best model = gnls

Hill slope = 0.5

EC50 = 0.85



Fenitrothion

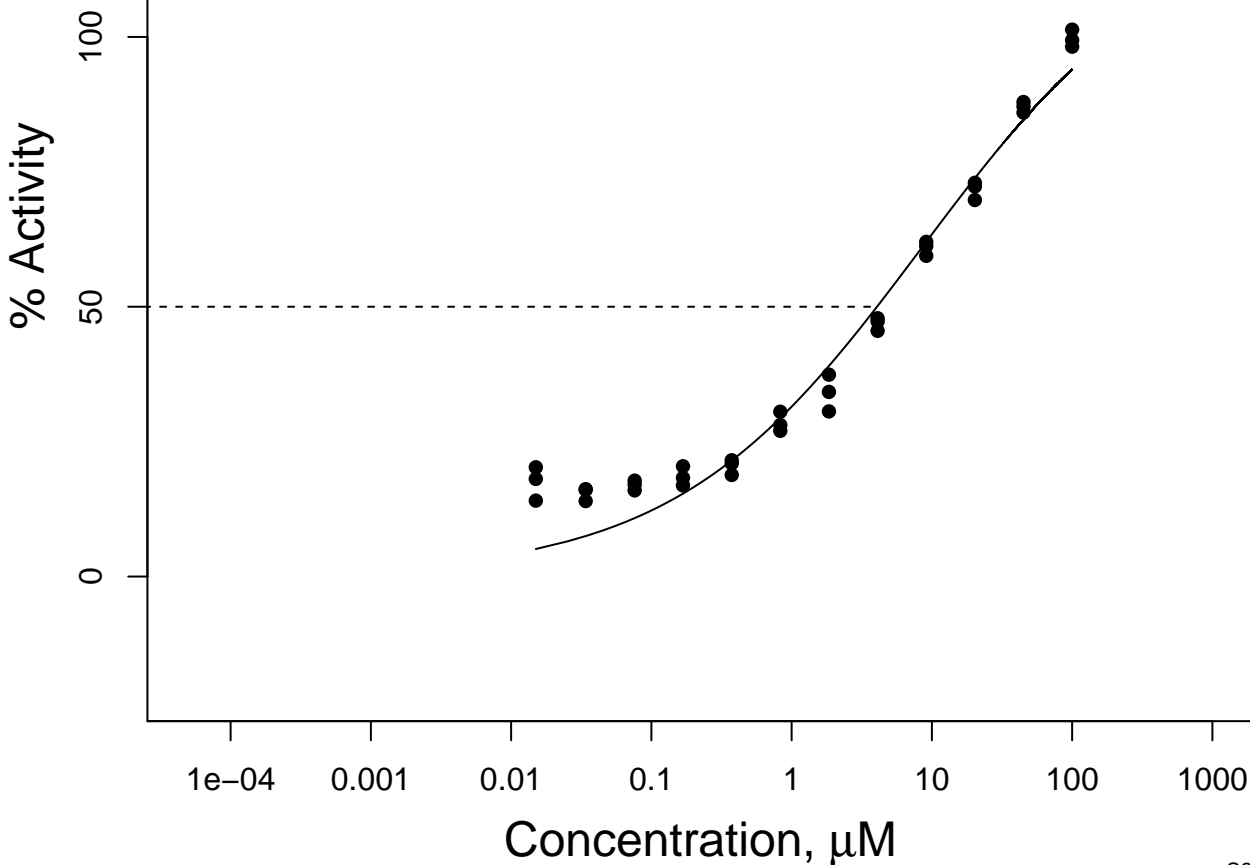
CASRN: 122-14-5

EPAPLT0839G01

TCPL best model = hill

Hill slope = 0.5

EC50 = 4.06



Chlorpyrifos

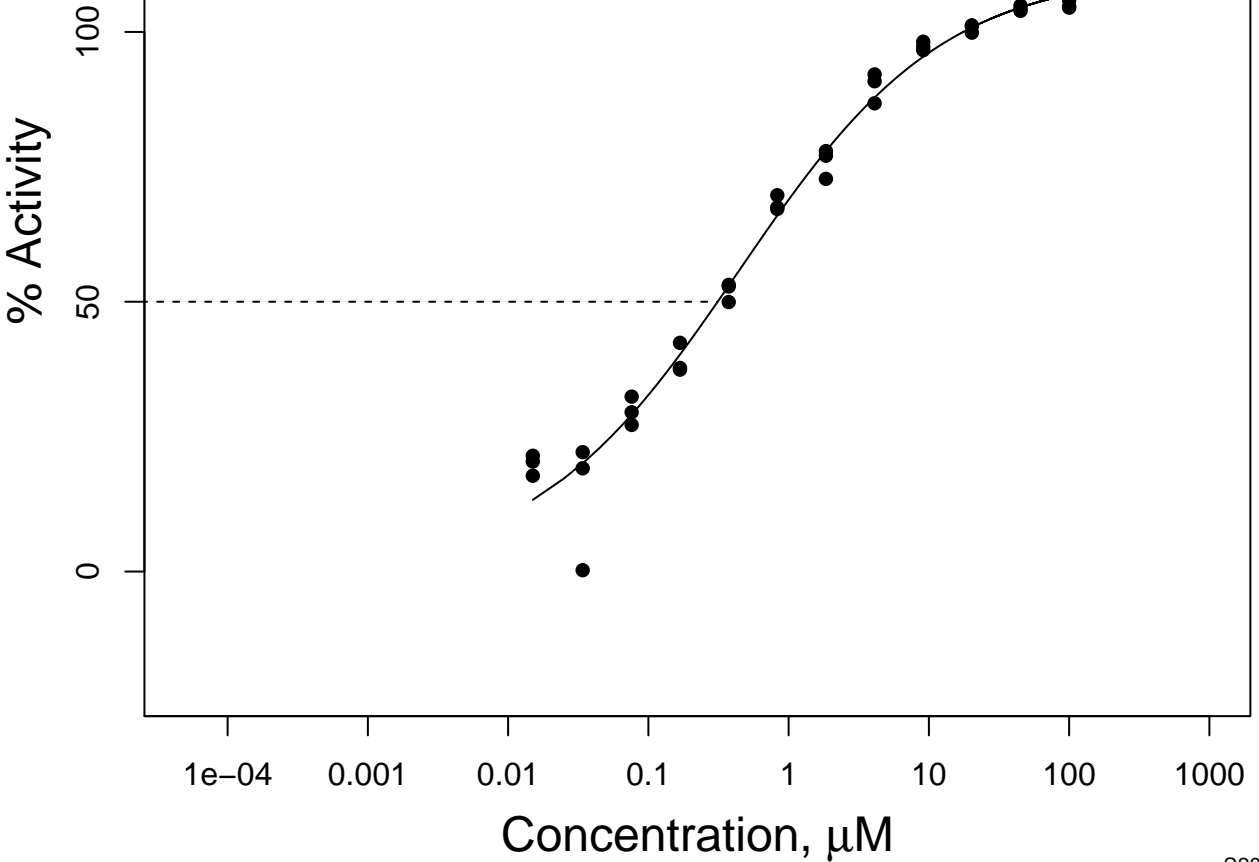
CASRN: 2921-88-2

EPAPLT0839G06

TCPL best model = gnls

Hill slope = 0.6

EC50 = 0.31



C.I. Disperse Black 6 dihydrochloride

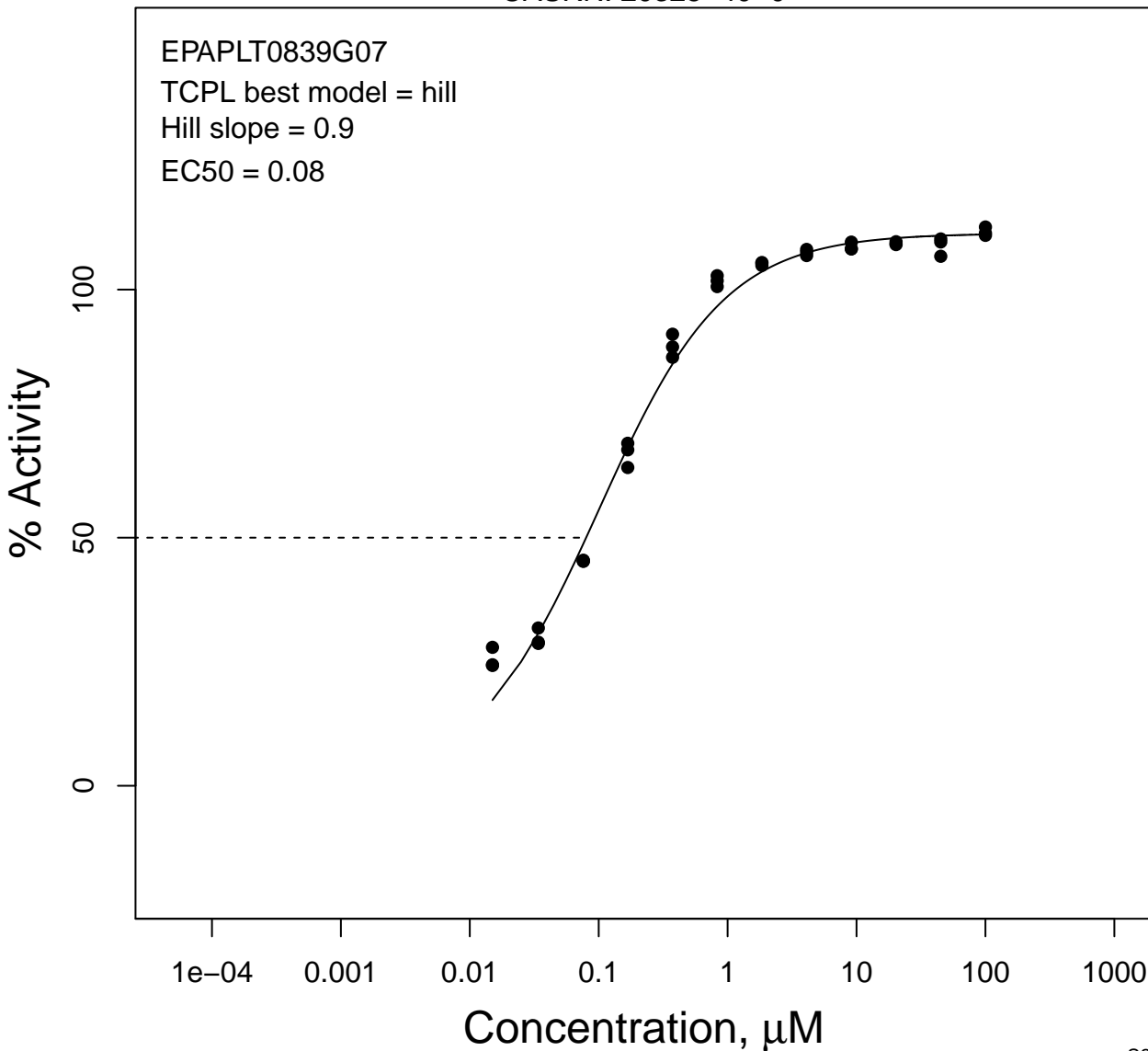
CASRN: 20325-40-0

EPAPLT0839G07

TCPL best model = hill

Hill slope = 0.9

EC50 = 0.08



C.I. Acid Yellow 23

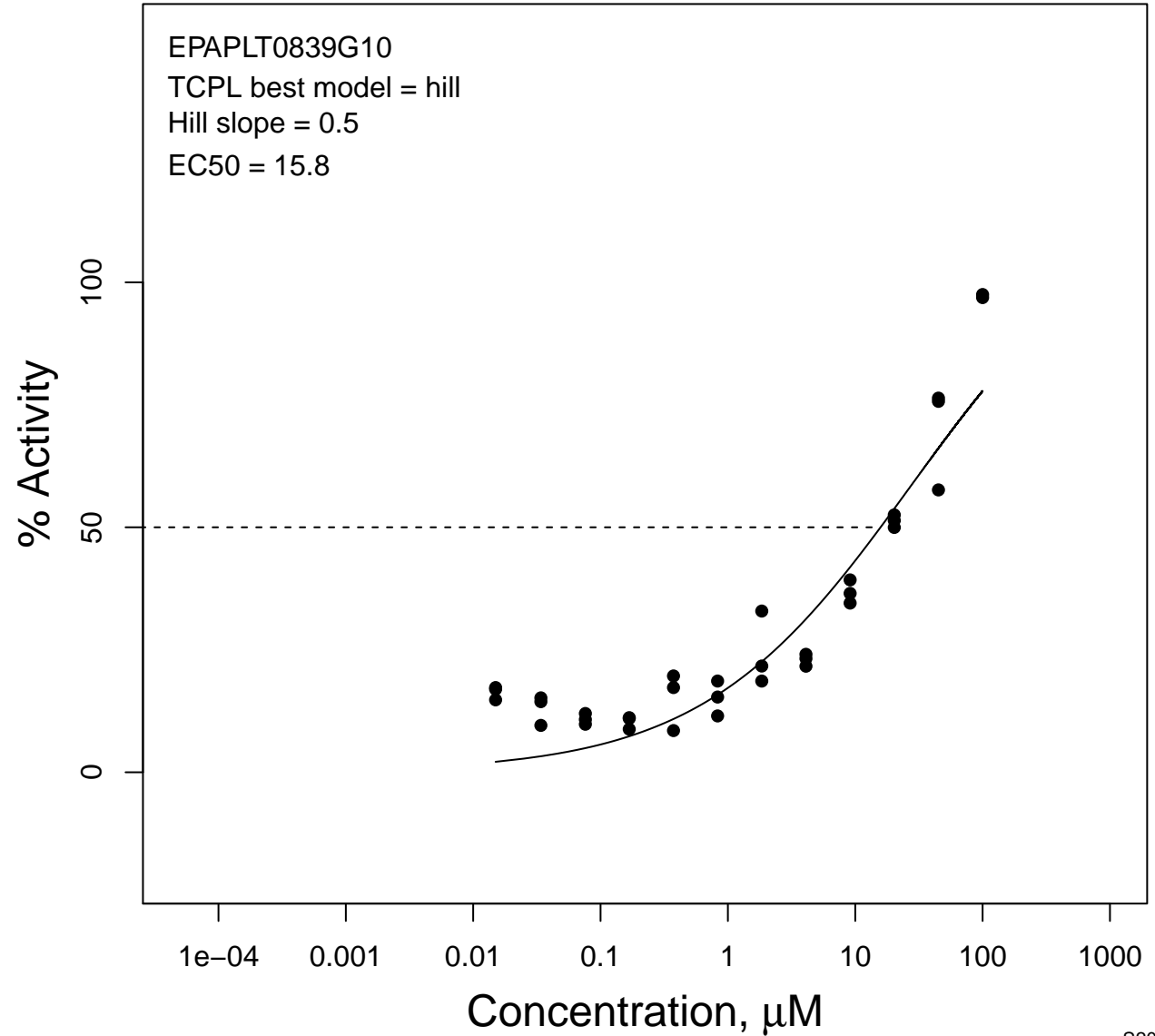
CASRN: 1934-21-0

EPAPLT0839G10

TCPL best model = hill

Hill slope = 0.5

EC50 = 15.8



Decanal

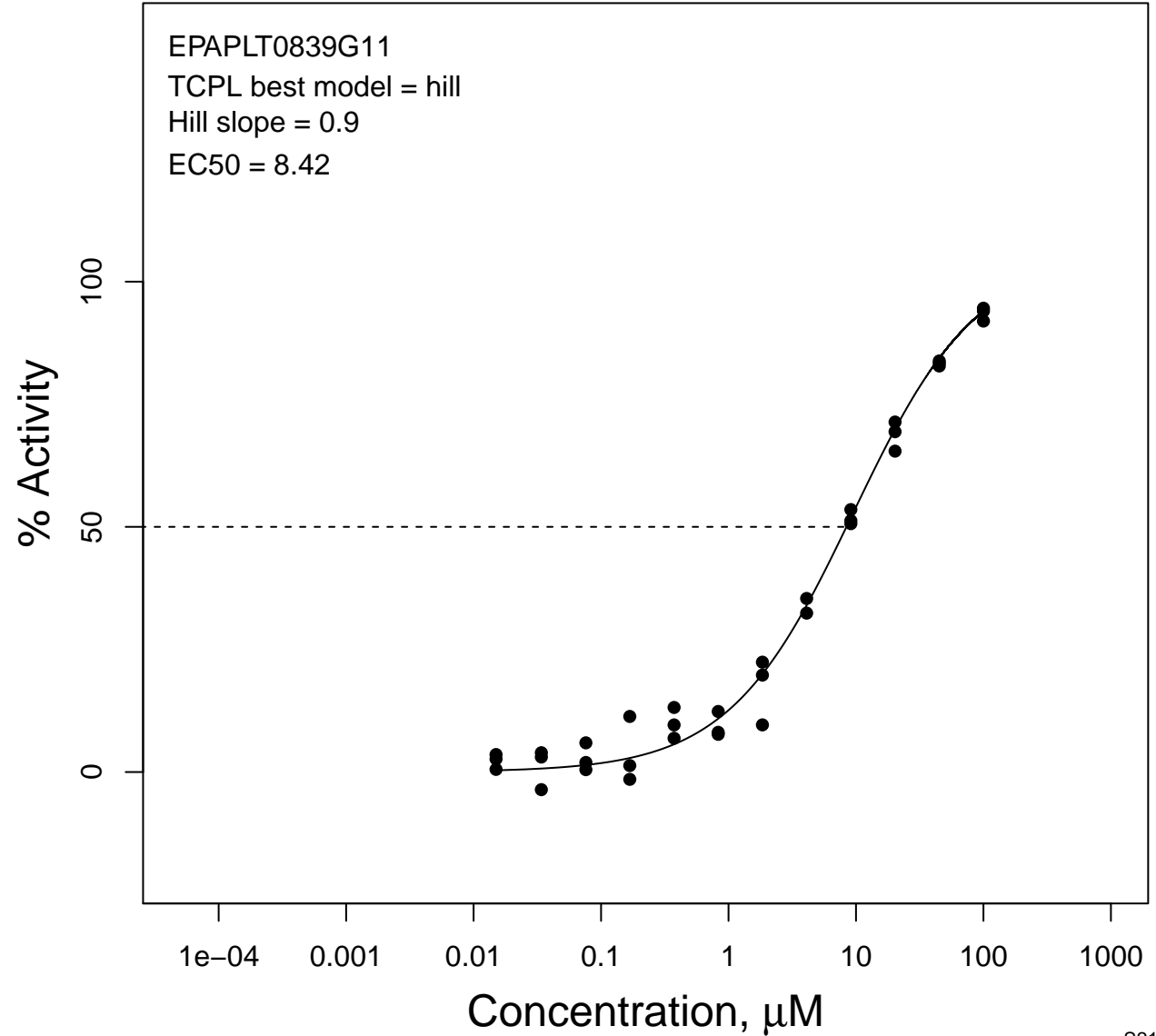
CASRN: 112-31-2

EPAPLT0839G11

TCPL best model = hill

Hill slope = 0.9

EC50 = 8.42



5-Chloro-N-(2-chloro-4-nitrophenyl)-2-hydroxybenzamide

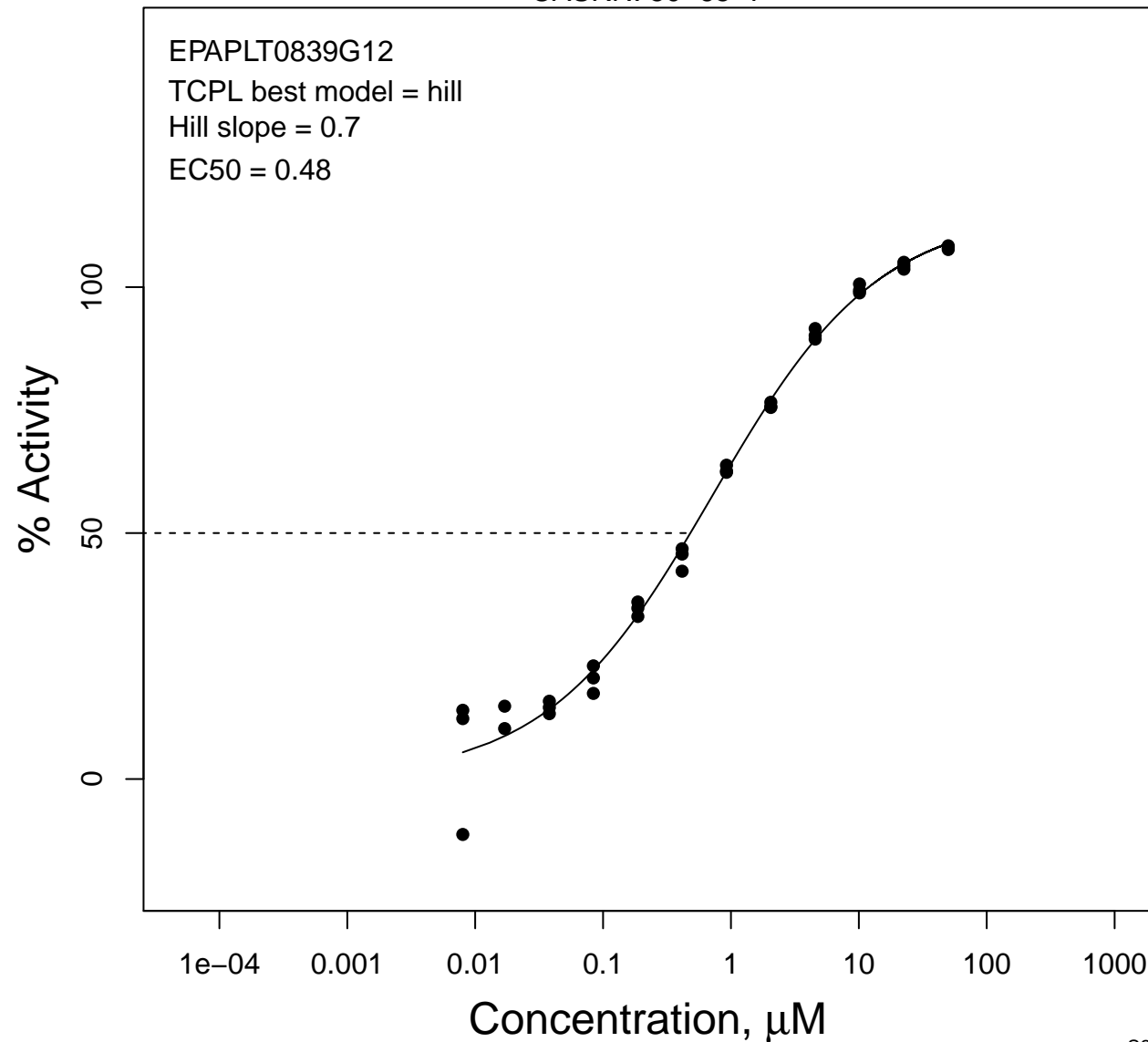
CASRN: 50-65-7

EPAPLT0839G12

TCPL best model = hill

Hill slope = 0.7

EC50 = 0.48



CJ-013790

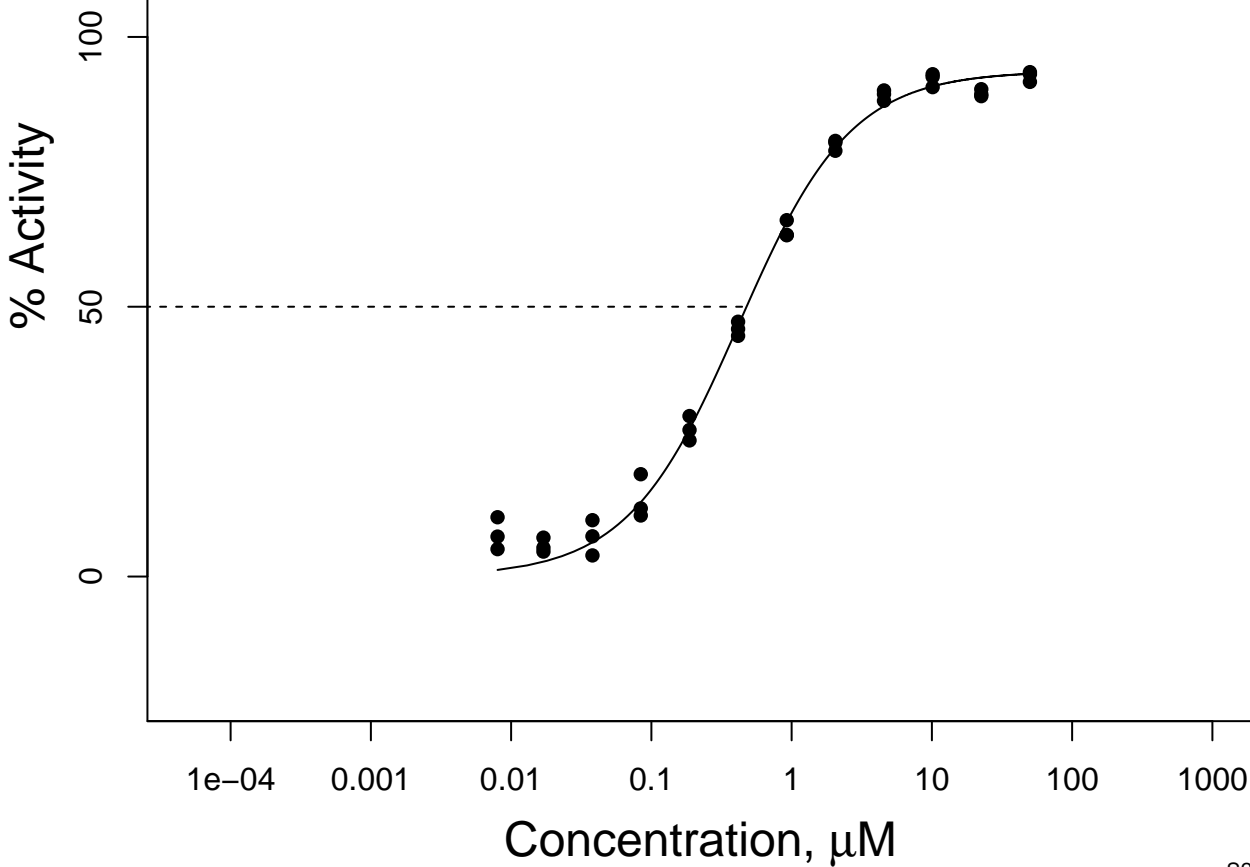
CASRN: 179465-71-5

EPAPLT0839H01

TCPL best model = hill

Hill slope = 1.1

EC50 = 0.48



Mercuric chloride

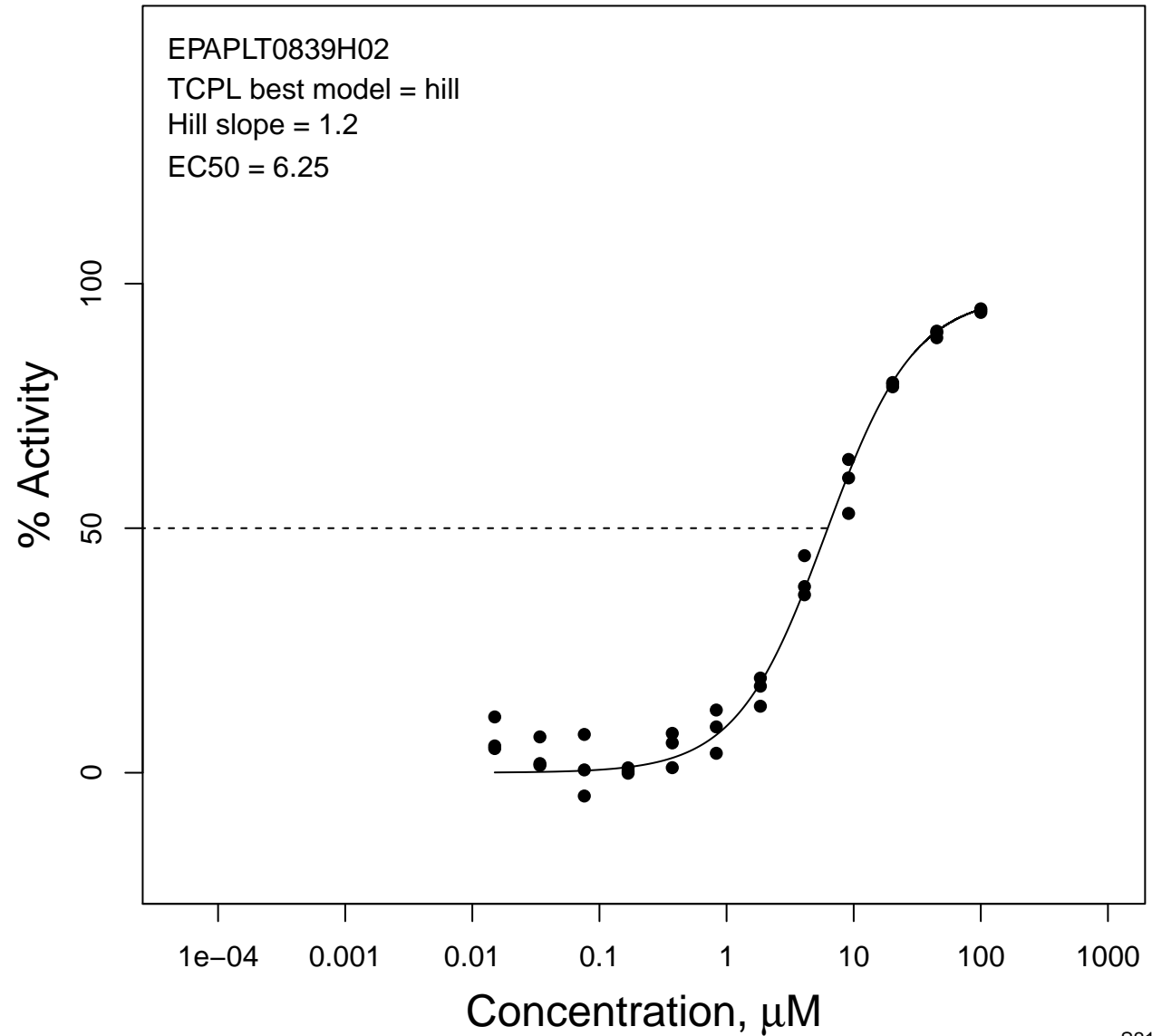
CASRN: 7487-94-7

EPAPLT0839H02

TCPL best model = hill

Hill slope = 1.2

EC50 = 6.25



Chlorpyrifos-methyl

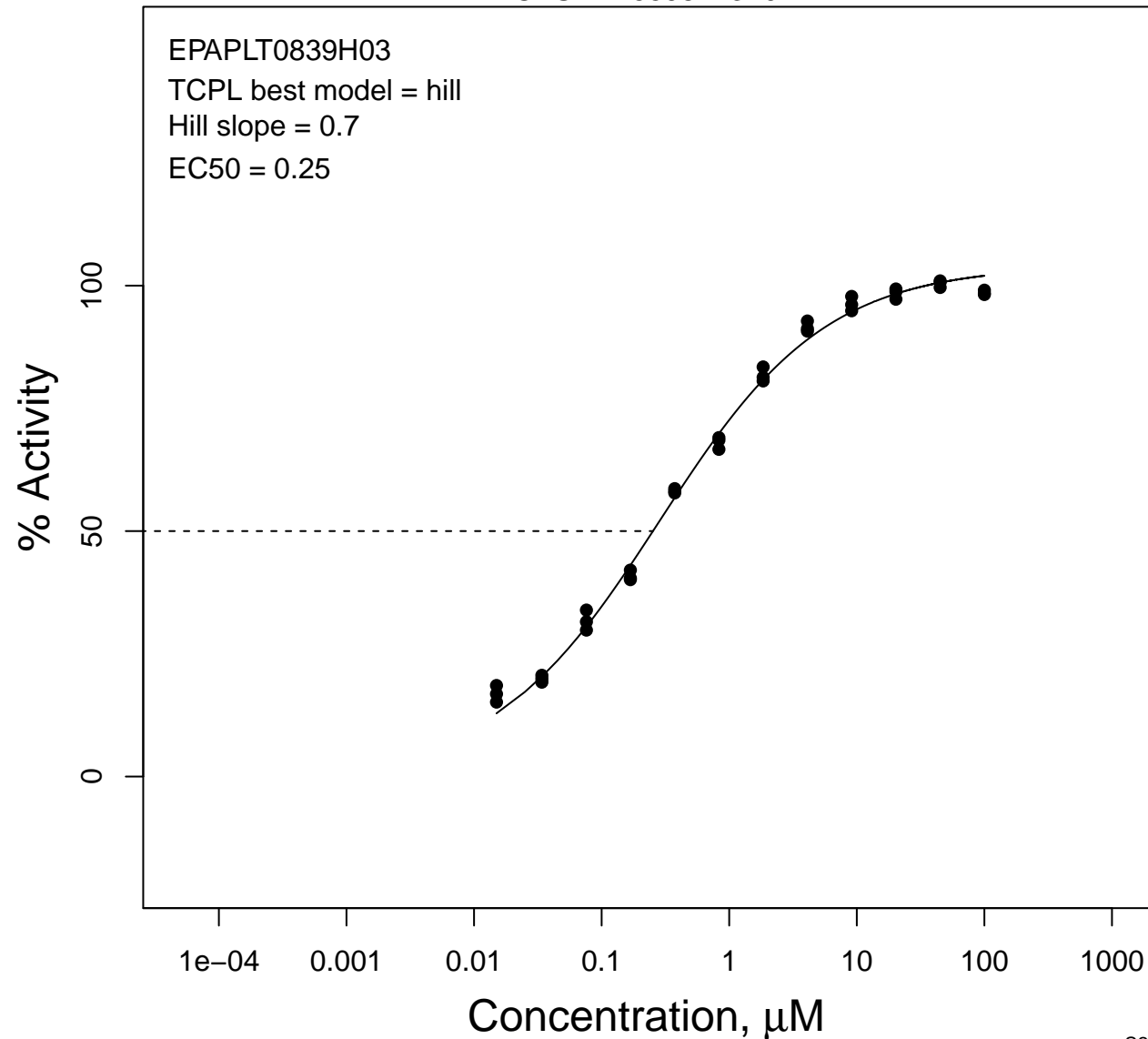
CASRN: 5598-13-0

EPAPLT0839H03

TCPL best model = hill

Hill slope = 0.7

EC50 = 0.25



4-Bromo-2-(4-chlorophenyl)-1-(ethoxymethyl)-5-(trifluoromethyl)-1H-pyrrole-3-carbonitrile

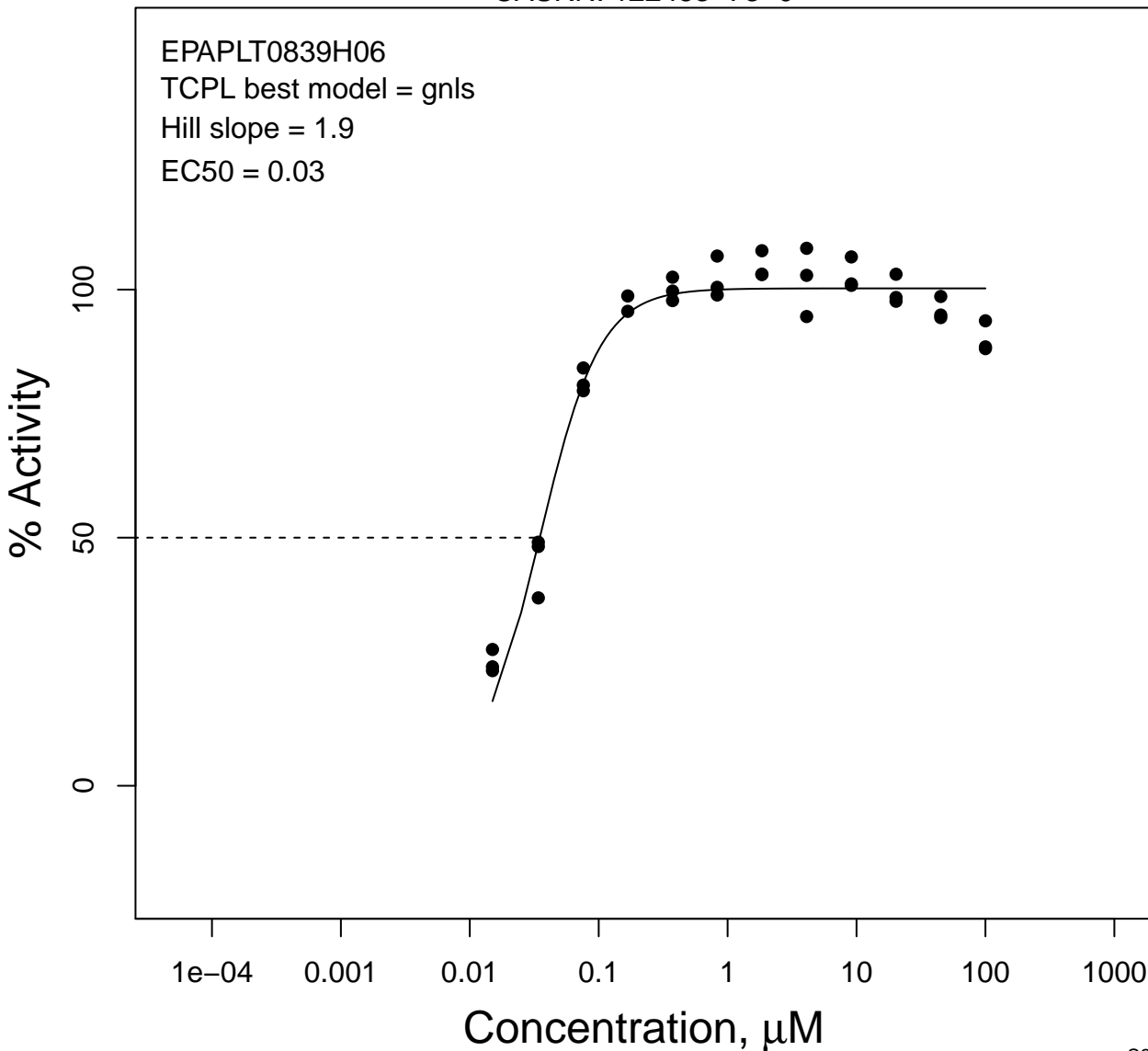
CASRN: 122453-73-0

EPAPLT0839H06

TCPL best model = gnls

Hill slope = 1.9

EC50 = 0.03



Phenolphthalein

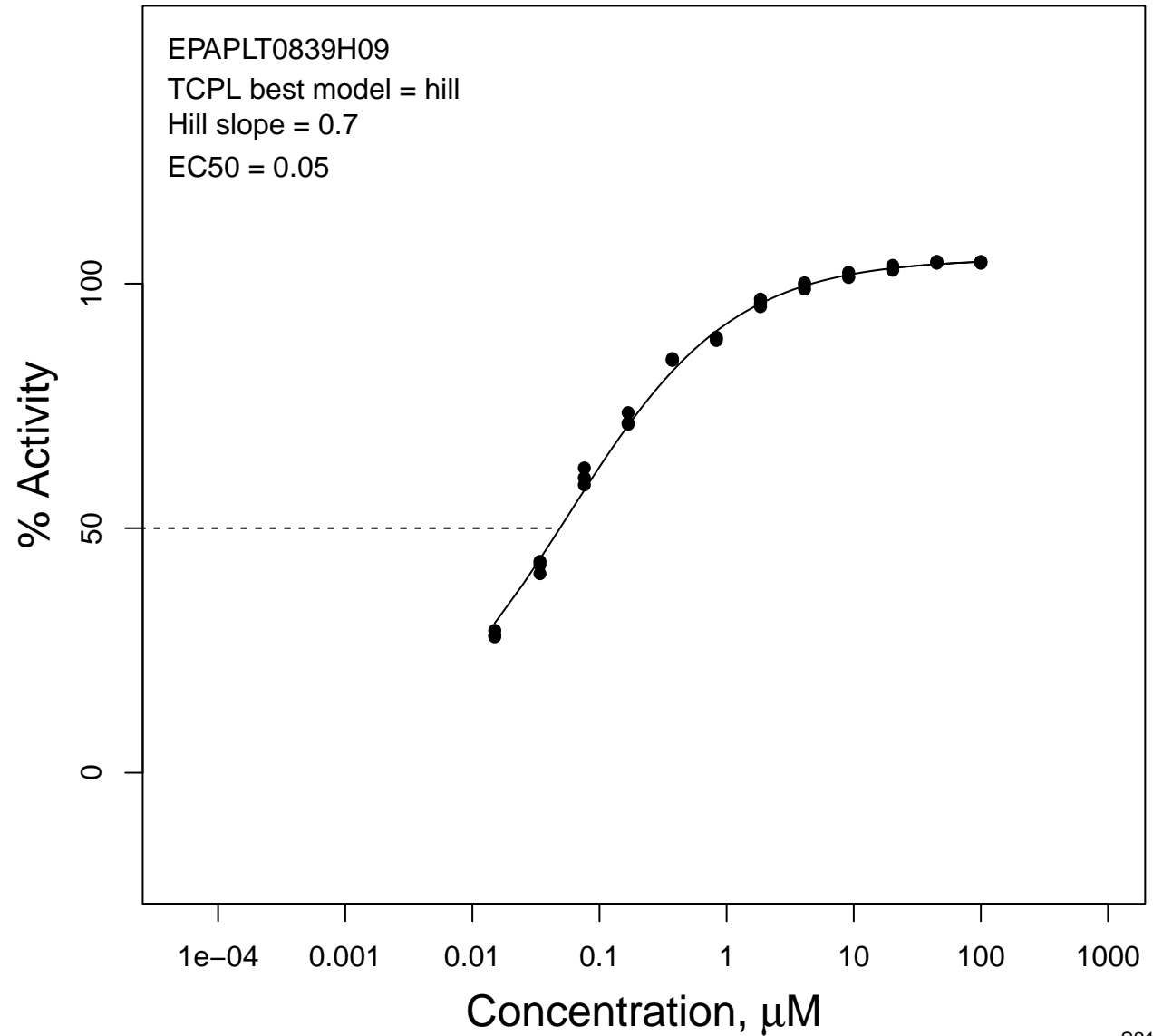
CASRN: 77-09-8

EPAPLT0839H09

TCPL best model = hill

Hill slope = 0.7

EC50 = 0.05



6-Hydroxy-2-naphthyl disulfide

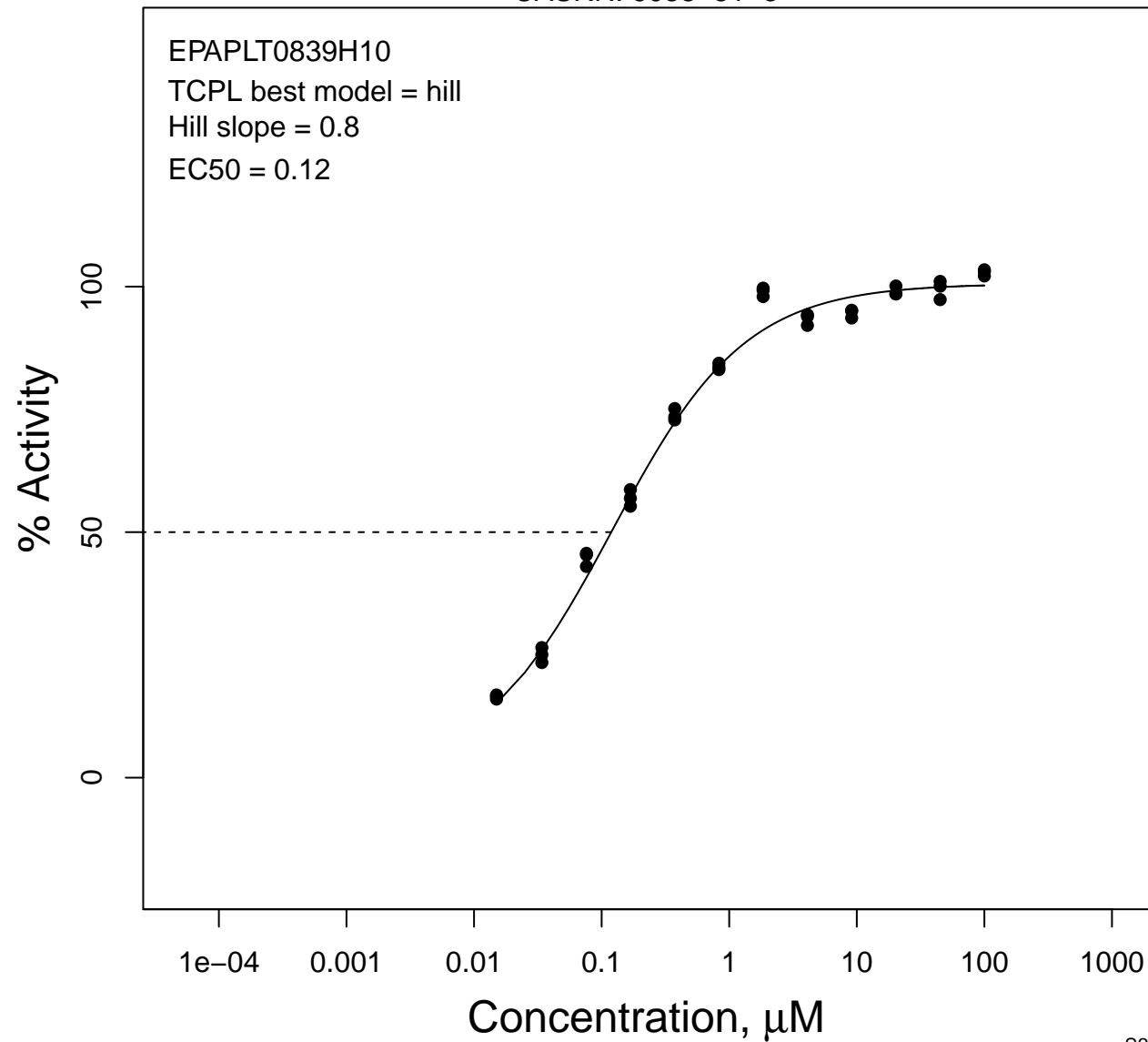
CASRN: 6088-51-3

EPAPLT0839H10

TCPL best model = hill

Hill slope = 0.8

EC50 = 0.12



Fluazinam

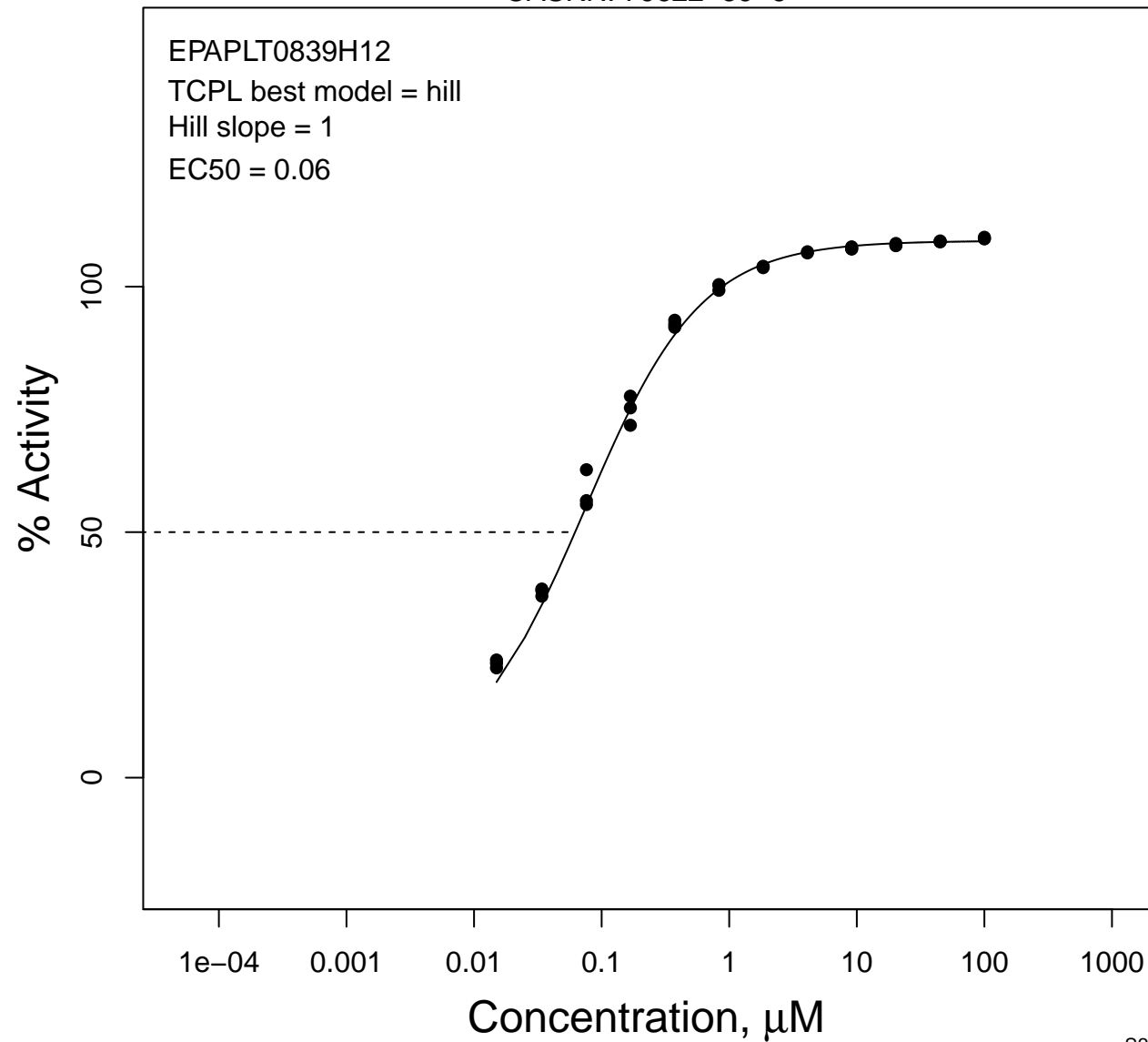
CASRN: 79622-59-6

EPAPLT0839H12

TCPL best model = hill

Hill slope = 1

EC50 = 0.06



Nonanoic acid

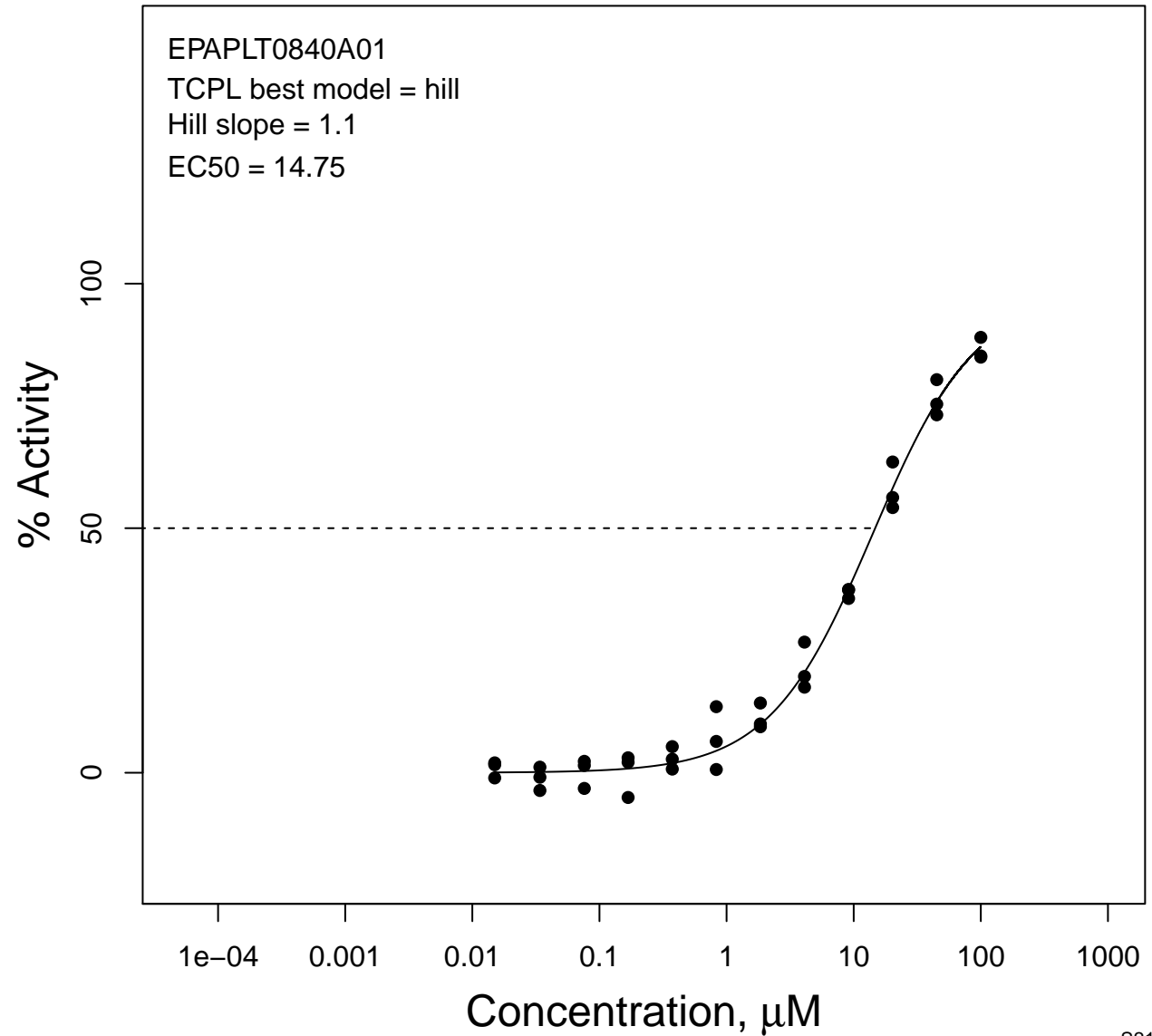
CASRN: 112-05-0

EPAPLT0840A01

TCPL best model = hill

Hill slope = 1.1

EC50 = 14.75



1,4-Benzenediamine

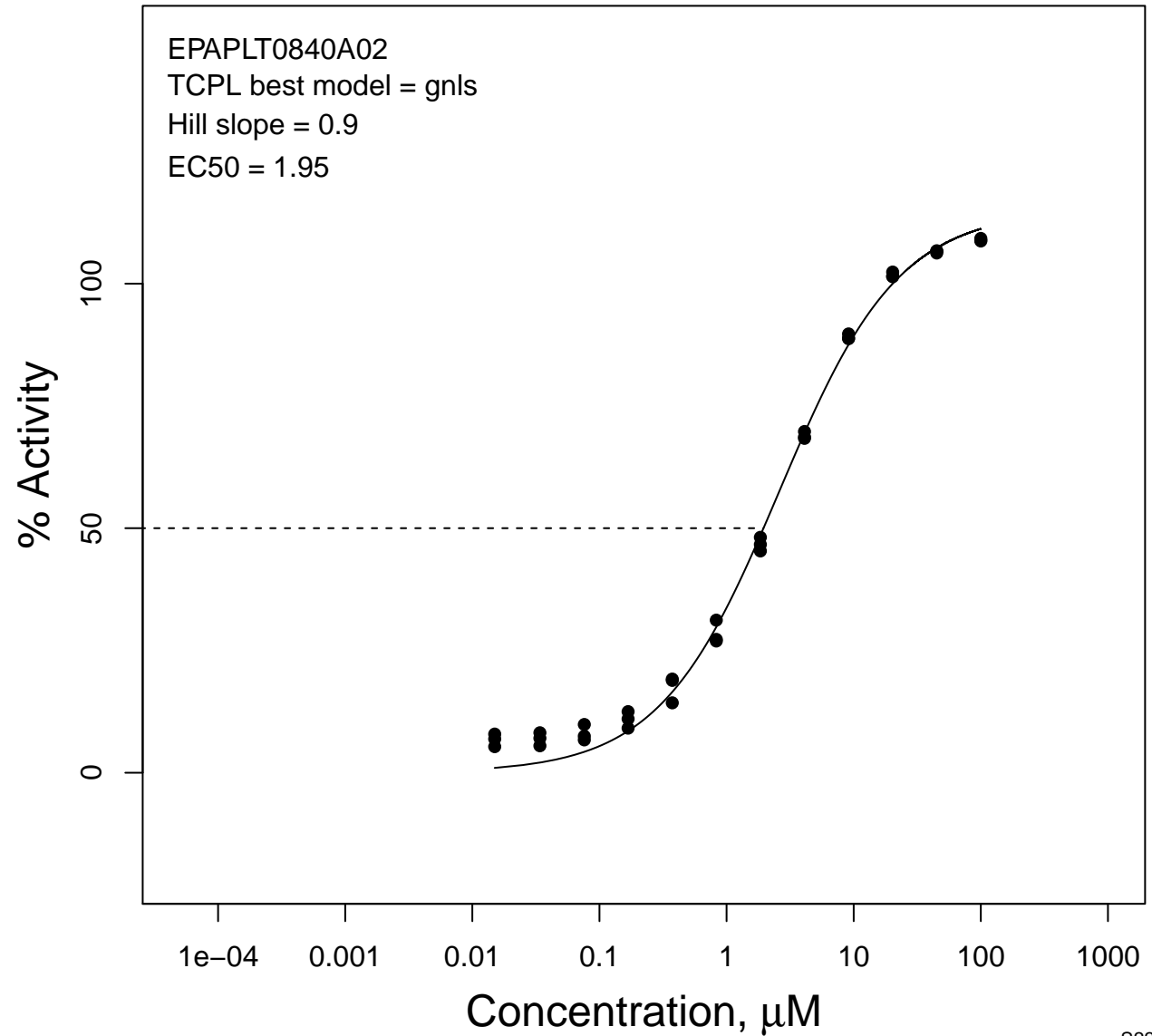
CASRN: 106-50-3

EPAPLT0840A02

TCPL best model = gnl5

Hill slope = 0.9

EC50 = 1.95



1,3,5,7-Tetramethyl-1,3,5,7-tetravinylcyclotetrasiloxane

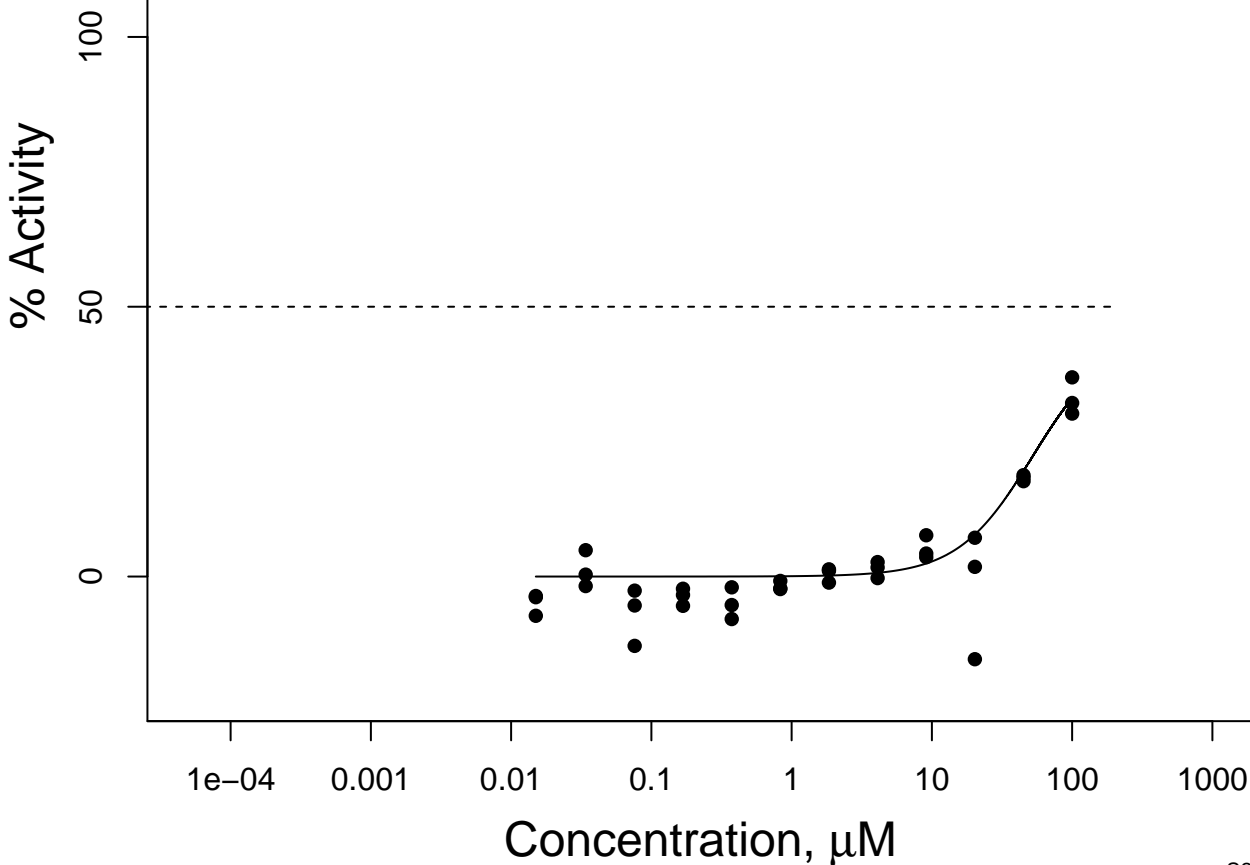
CASRN: 2554-06-5

EPAPLT0840A03

TCPL best model = hill

Hill slope = 1.6

EC50 = NA



Basic Blue 7

CASRN: 2390-60-5

EPAPLT0840A05

TCPL best model = hill

Hill slope = 1.2

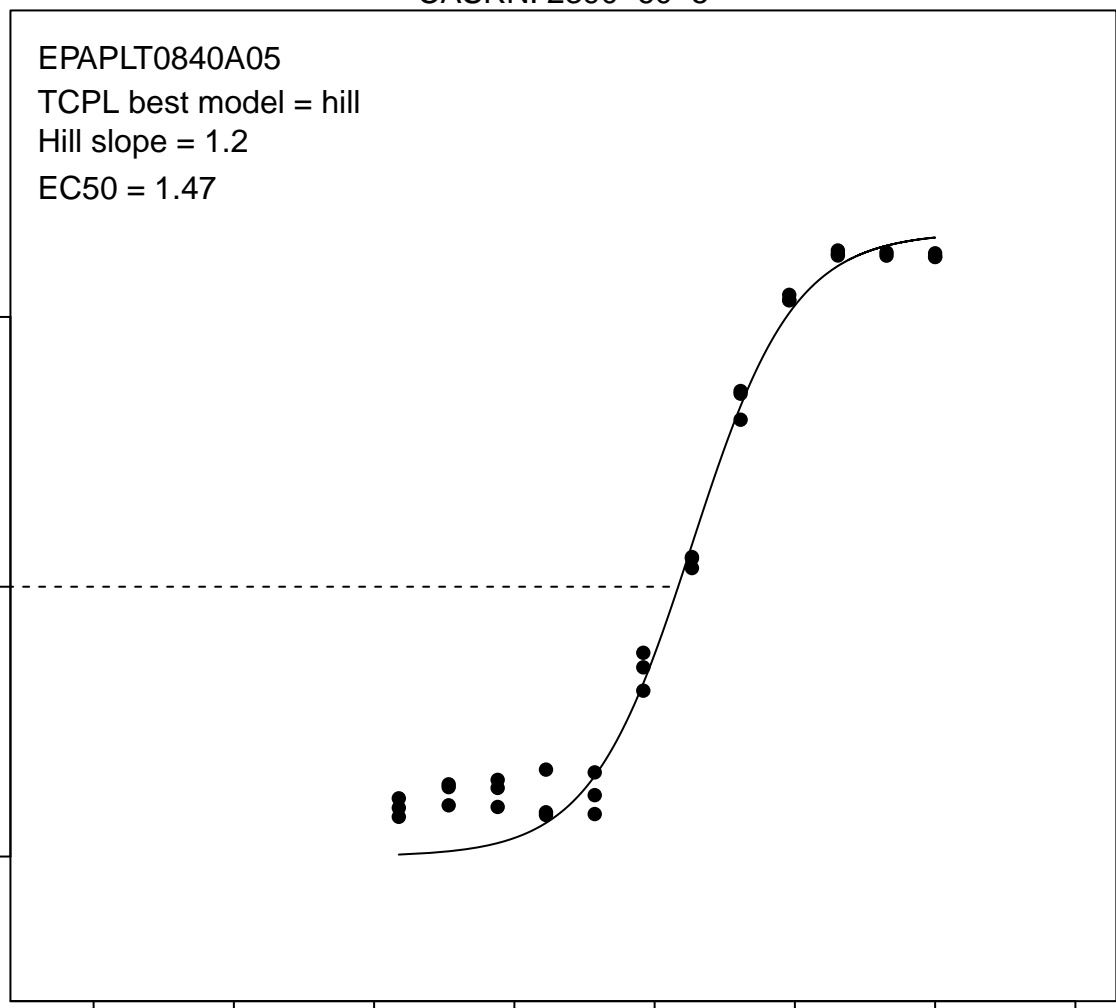
EC50 = 1.47

% Activity

100
50
0

1e-04 0.001 0.01 0.1 1 10 100 1000

Concentration, μM



Sodium warfarin

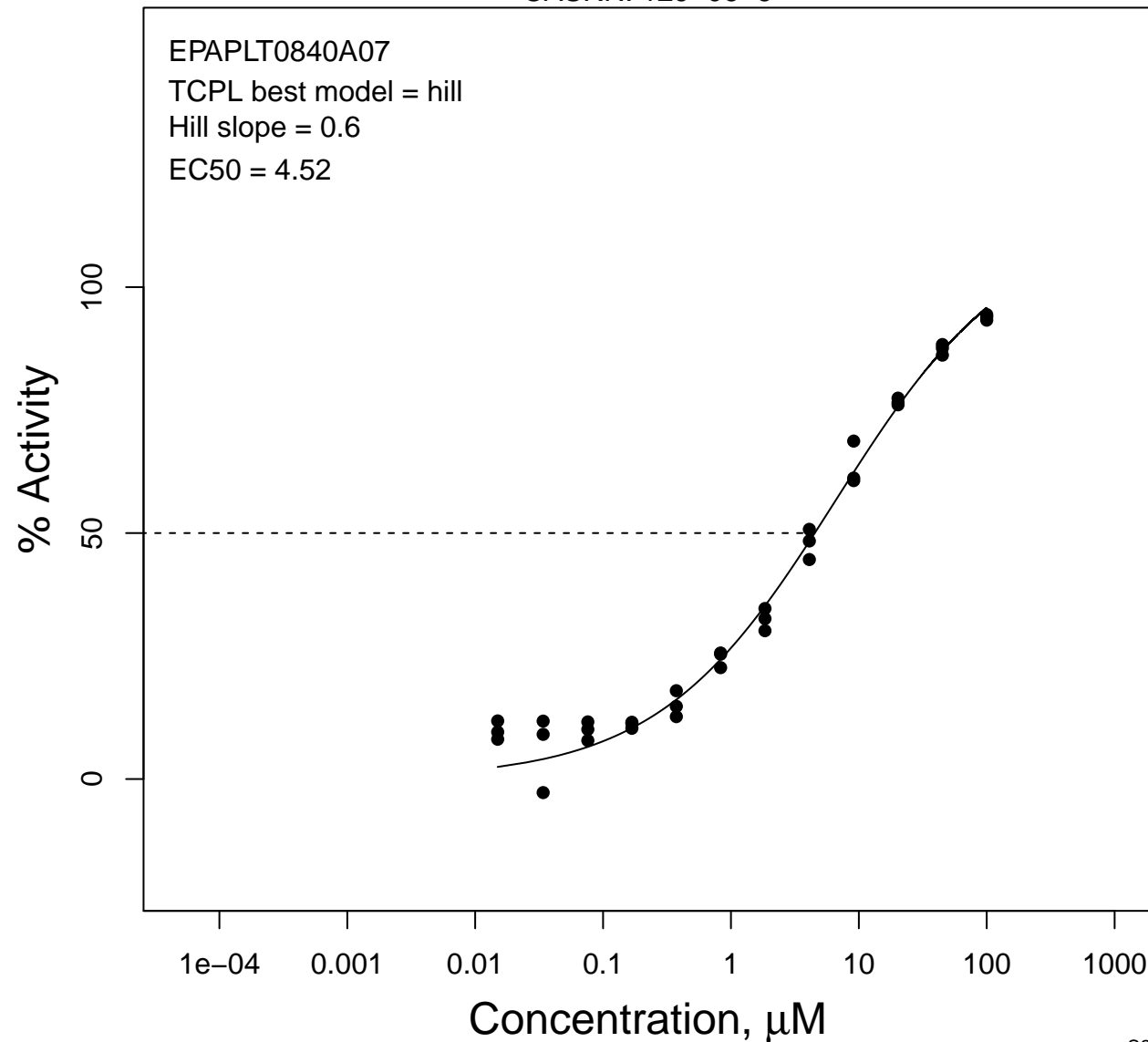
CASRN: 129-06-6

EPAPLT0840A07

TCPL best model = hill

Hill slope = 0.6

EC50 = 4.52



4,4'-Oxydianiline

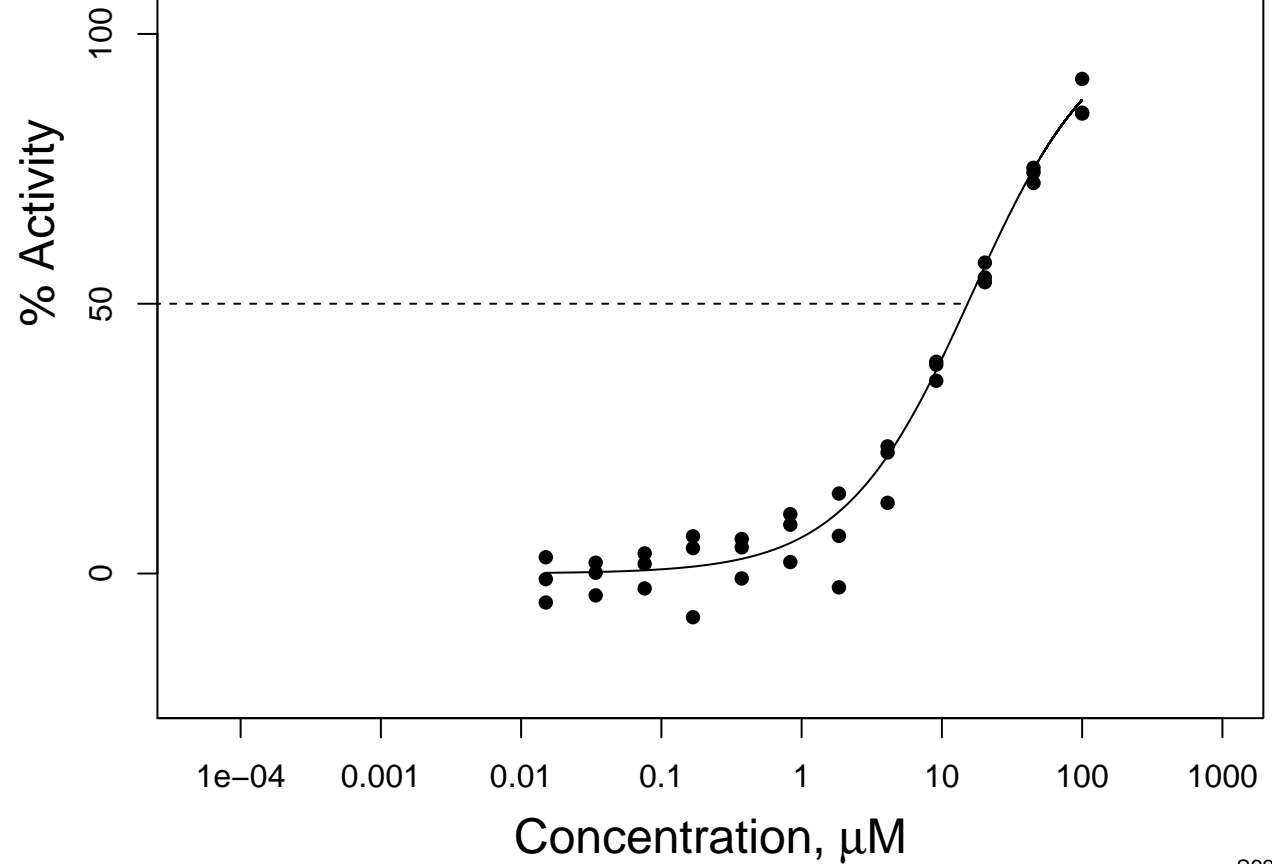
CASRN: 101-80-4

EPAPLT0840A11

TCPL best model = hill

Hill slope = 1

EC50 = 15.23



2-Phenylethyl benzoate

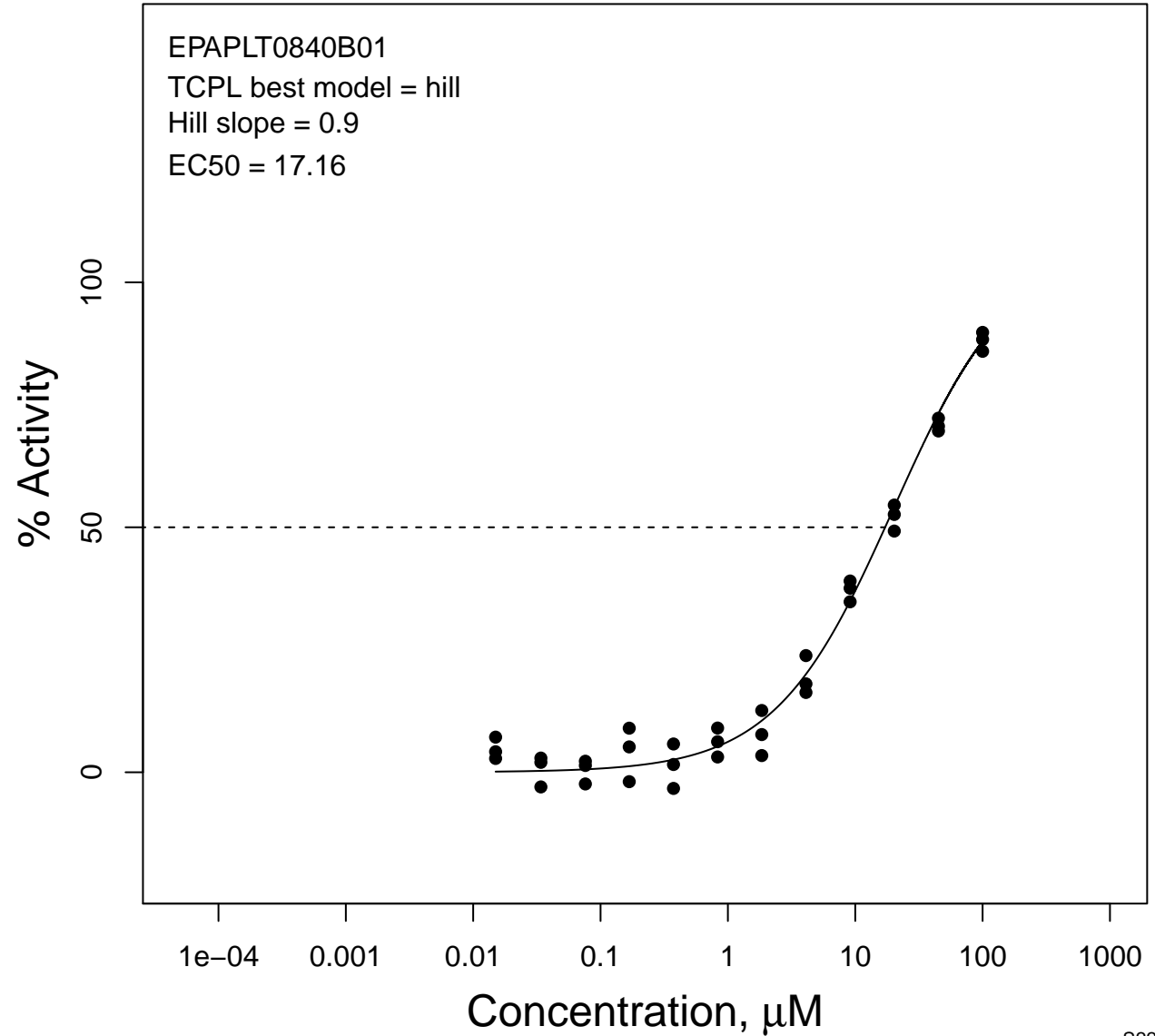
CASRN: 94-47-3

EPAPLT0840B01

TCPL best model = hill

Hill slope = 0.9

EC50 = 17.16



2,4,6-Trichlorophenol

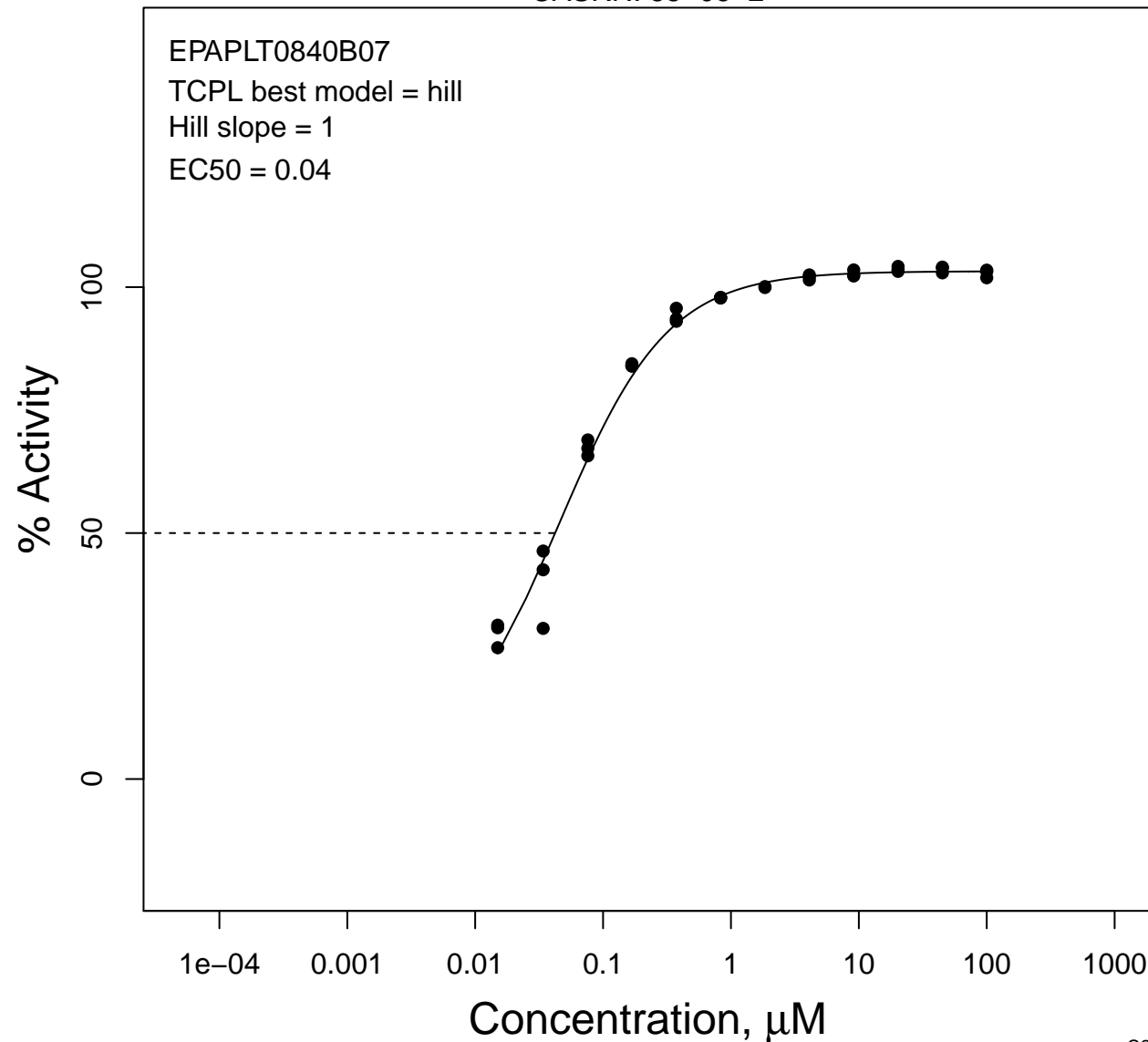
CASRN: 88-06-2

EPAPLT0840B07

TCPL best model = hill

Hill slope = 1

EC50 = 0.04



Phenyl benzoate

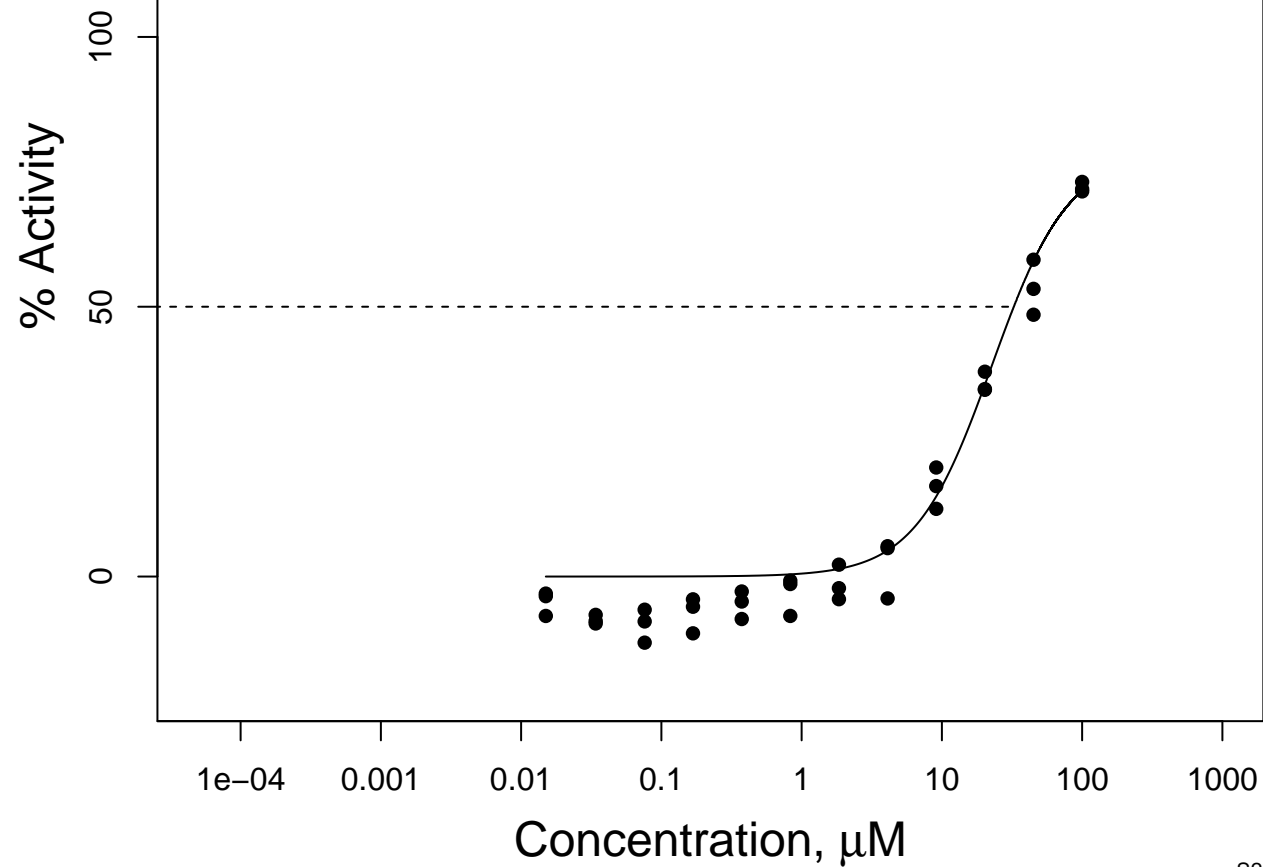
CASRN: 93-99-2

EPAPLT0840B12

TCPL best model = hill

Hill slope = 1.6

EC50 = 32.56



Chlorethoxyfos

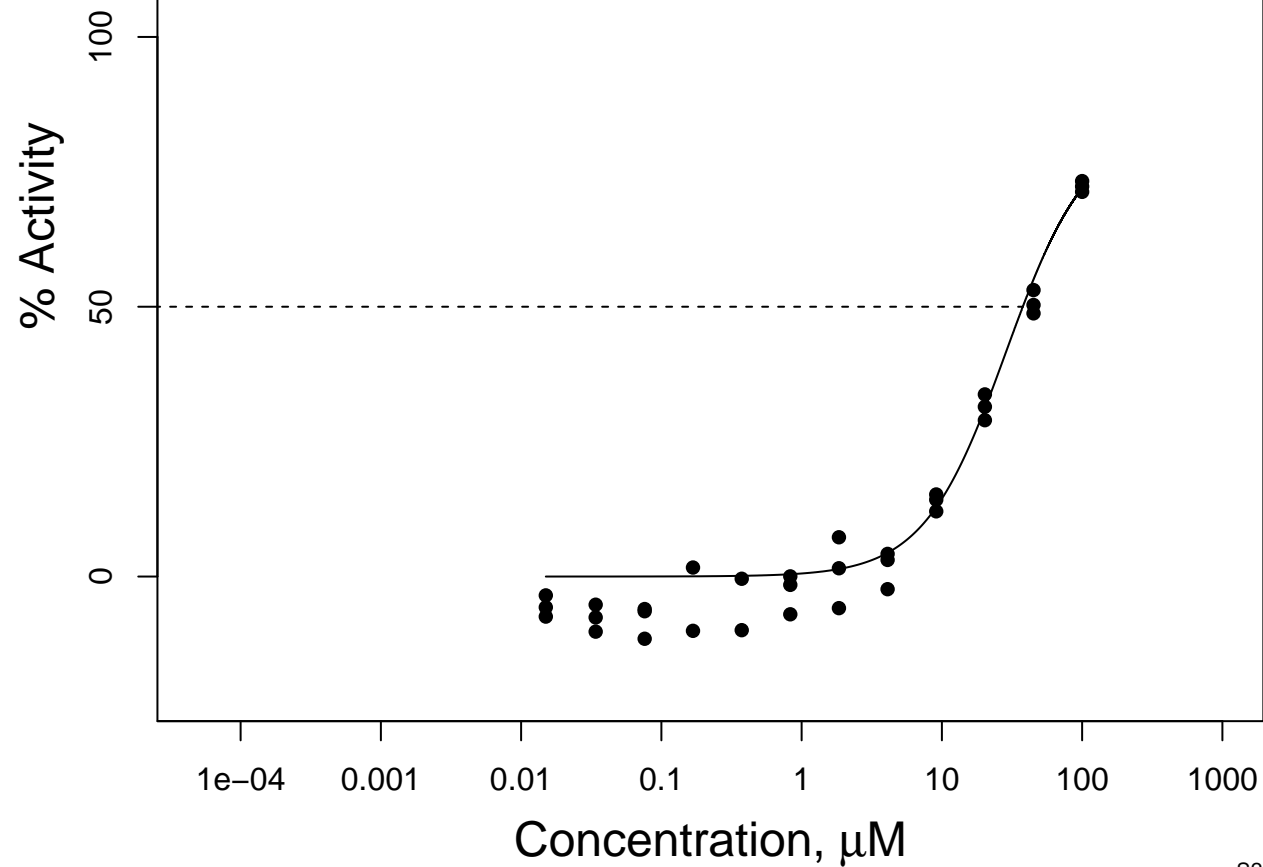
CASRN: 54593-83-8

EPAPLT0840C01

TCPL best model = hill

Hill slope = 1.5

EC50 = 37.74



p-Bromodiphenyl ether

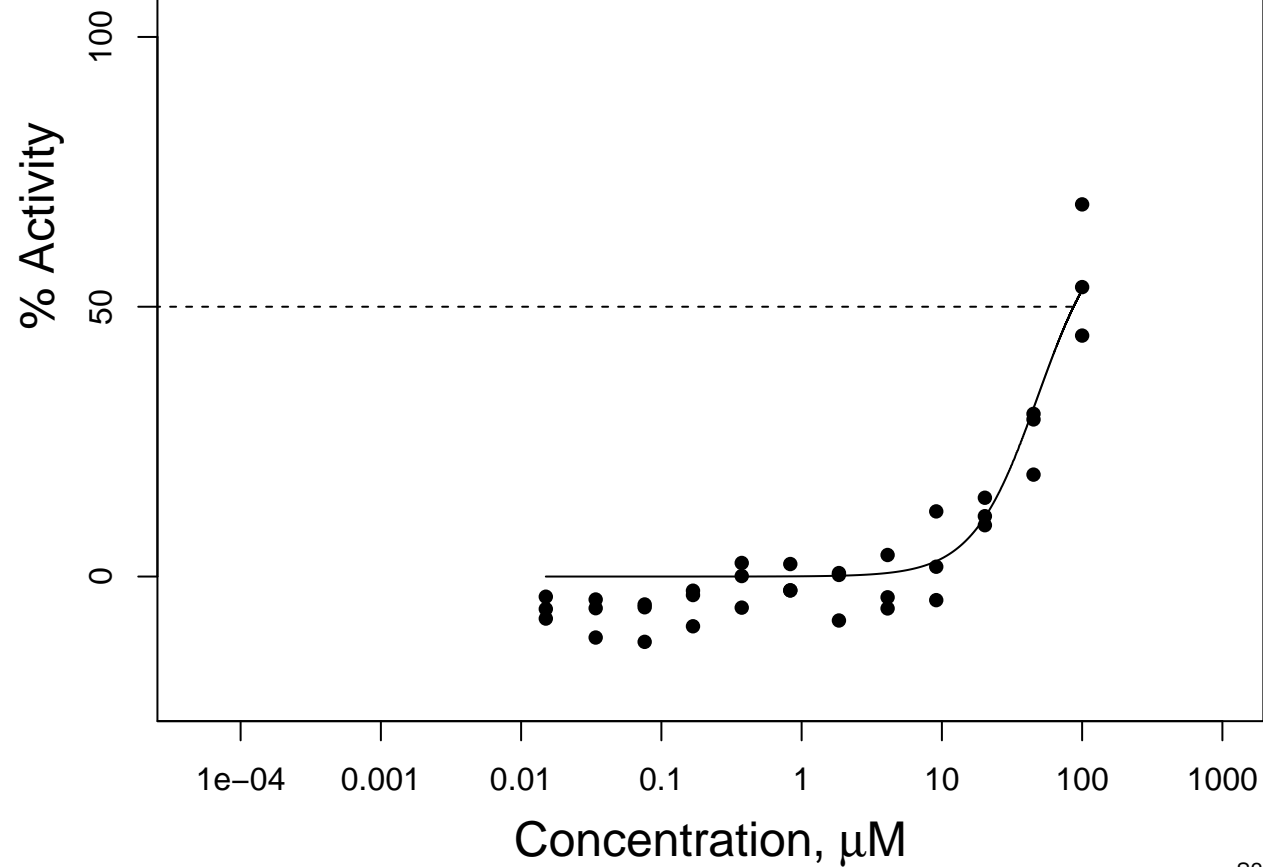
CASRN: 101-55-3

EPAPLT0840C04

TCPL best model = hill

Hill slope = 1.9

EC50 = 86.81



Propylparaben

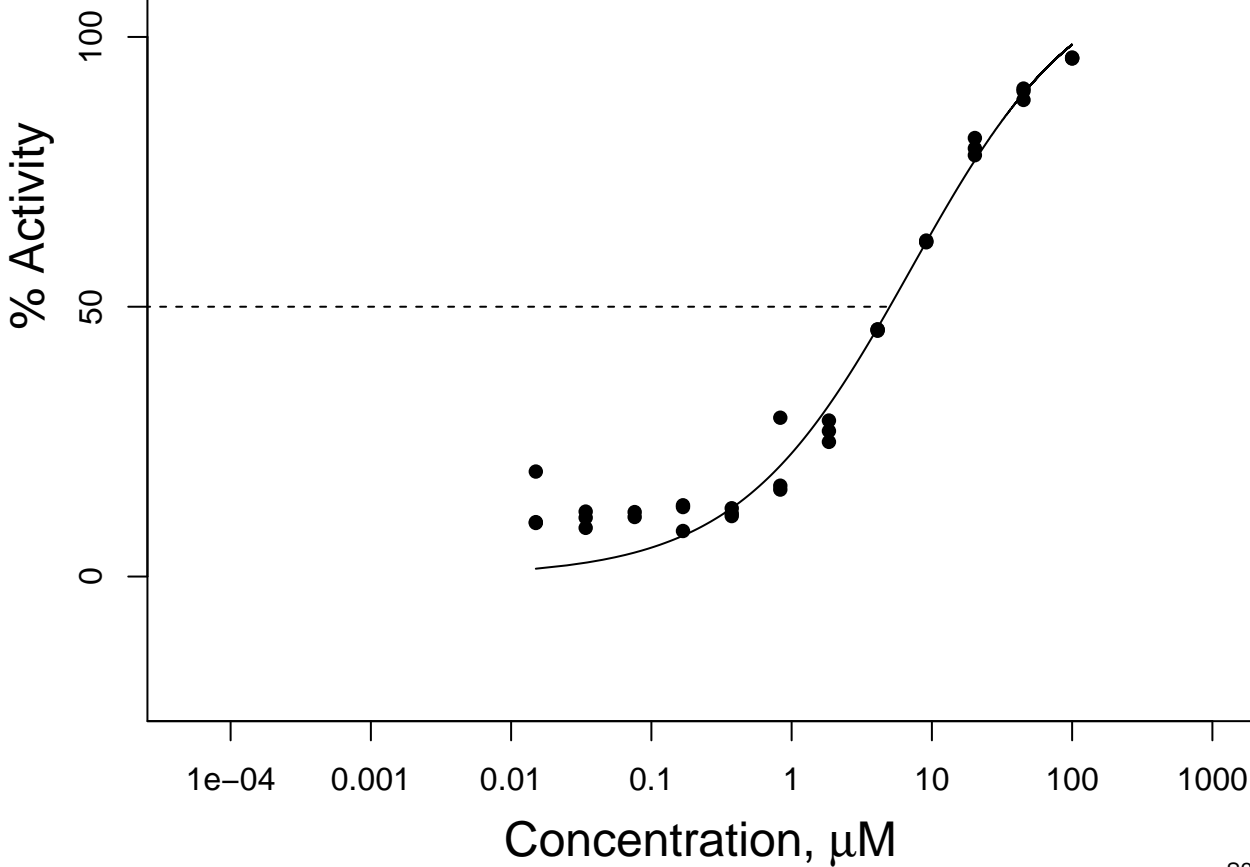
CASRN: 94-13-3

EPAPLT0840C05

TCPL best model = hill

Hill slope = 0.7

EC50 = 5.01



3-Phenoxybenzenemethanol

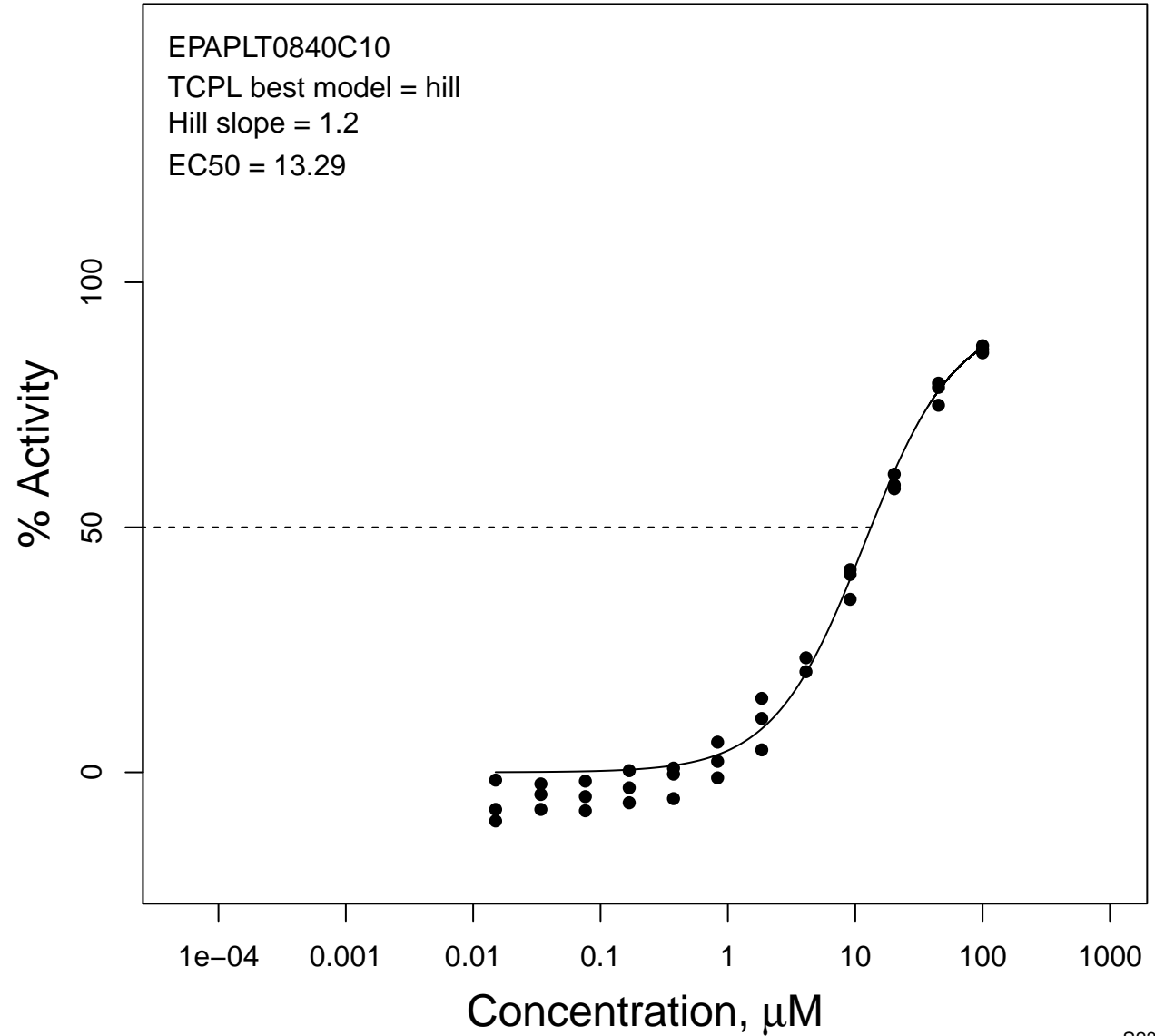
CASRN: 13826-35-2

EPAPLT0840C10

TCPL best model = hill

Hill slope = 1.2

EC50 = 13.29



Flucarbazone-sodium

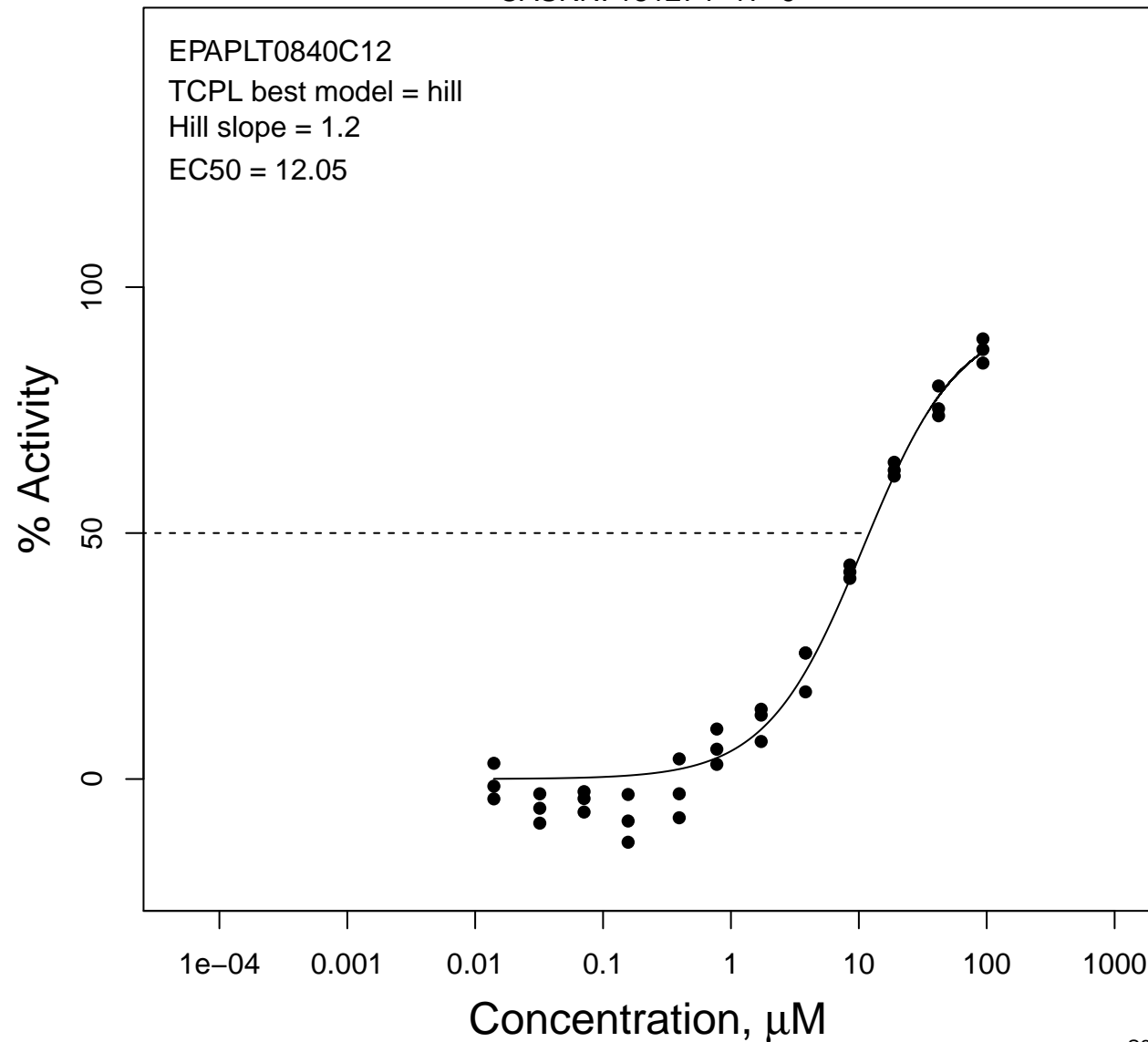
CASRN: 181274-17-9

EPAPLT0840C12

TCPL best model = hill

Hill slope = 1.2

EC50 = 12.05



Bis(2-ethylhexyl) phosphate

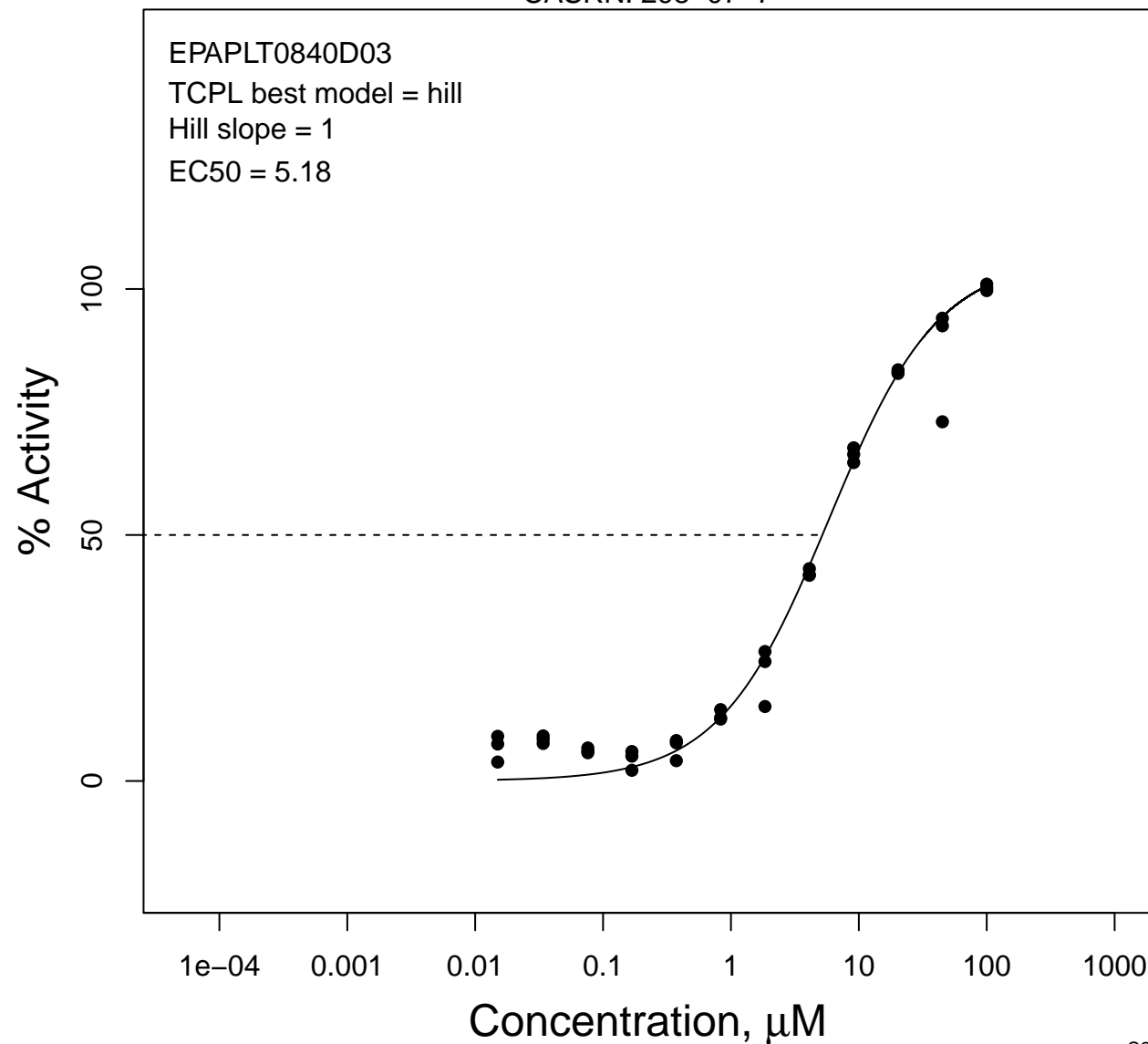
CASRN: 298-07-7

EPAPLT0840D03

TCPL best model = hill

Hill slope = 1

EC50 = 5.18



Nordihydroguaiaretic acid

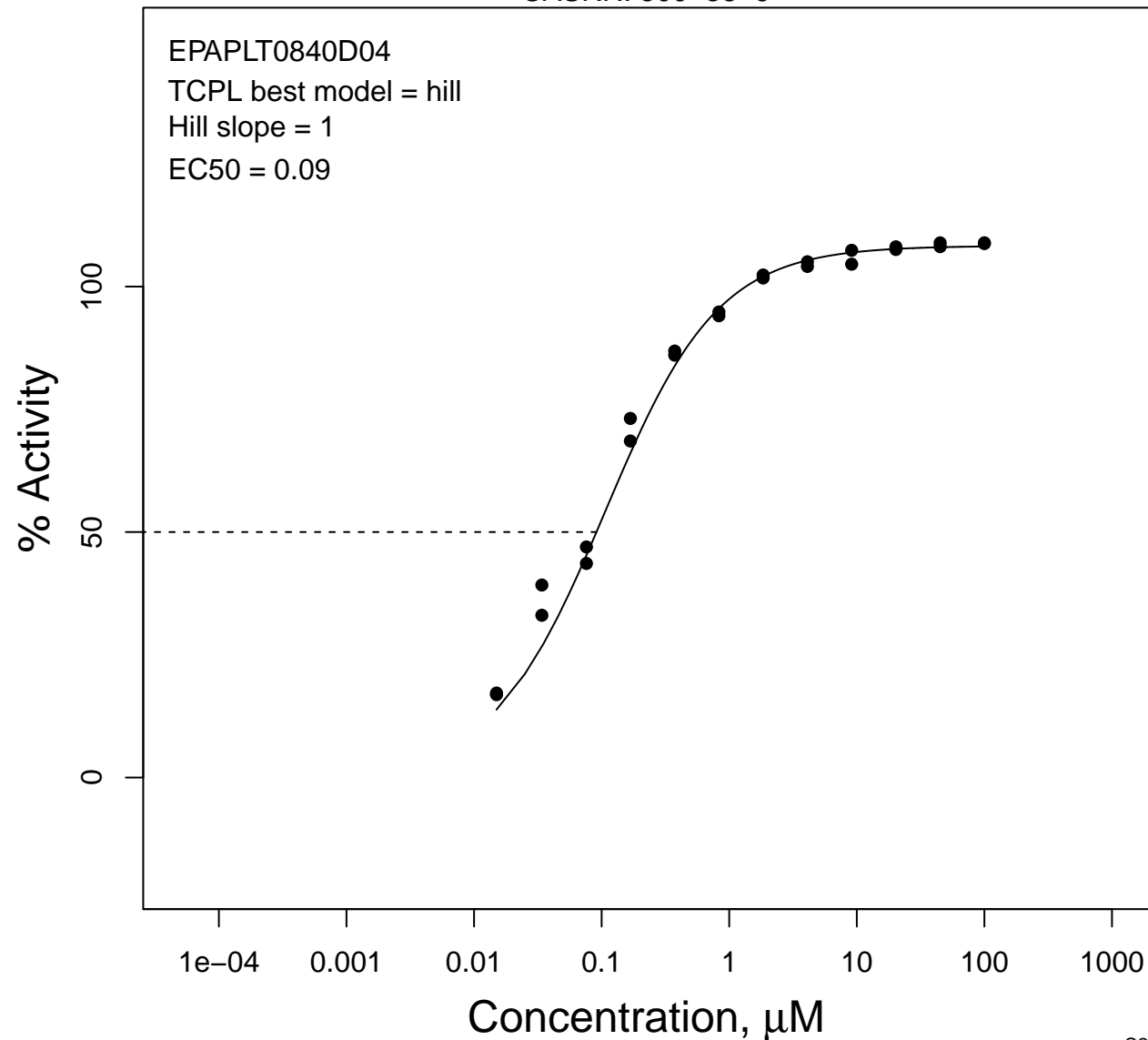
CASRN: 500-38-9

EPAPLT0840D04

TCPL best model = hill

Hill slope = 1

EC50 = 0.09



Sodium 2-nitrophenolate

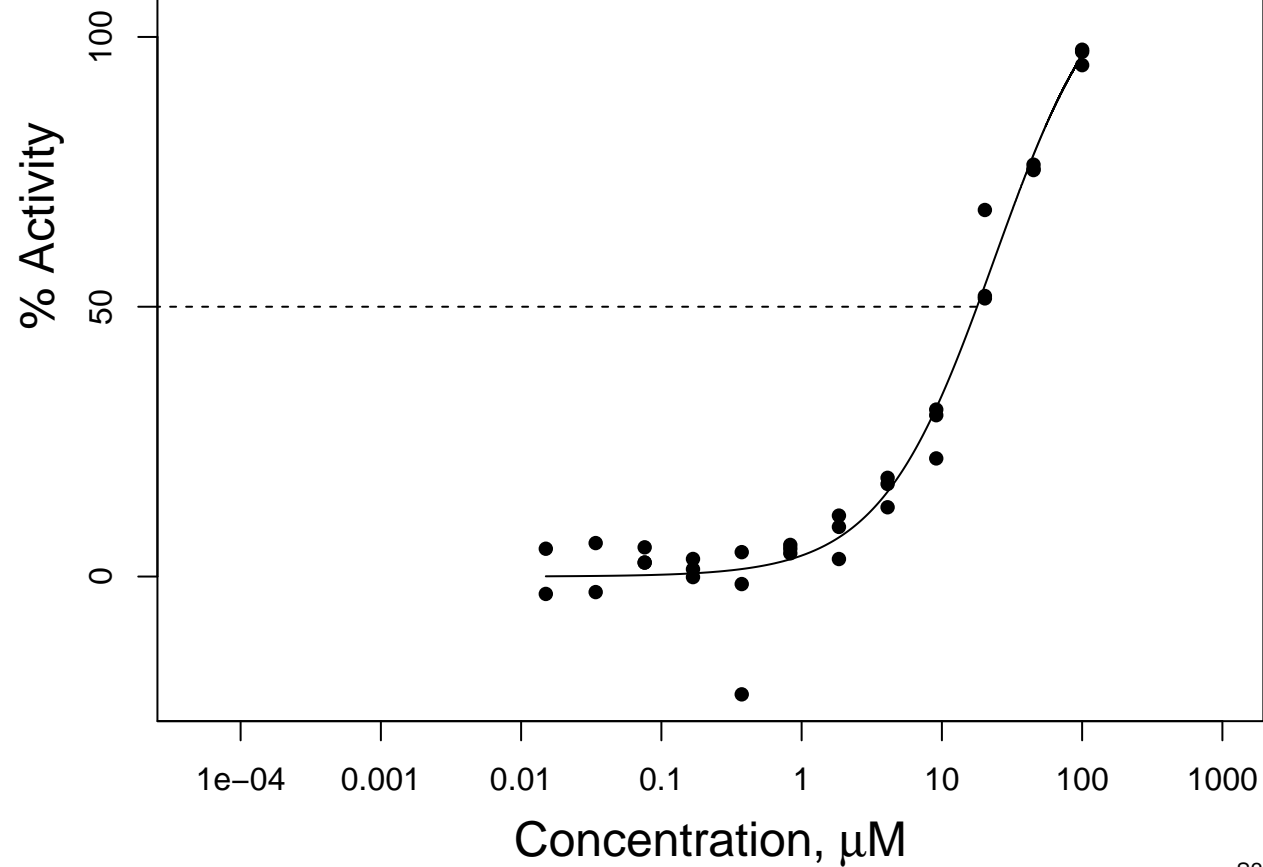
CASRN: 824-39-5

EPAPLT0840D05

TCPL best model = hill

Hill slope = 1.1

EC50 = 17.82



3-(Trifluoromethyl)-4-nitrophenol

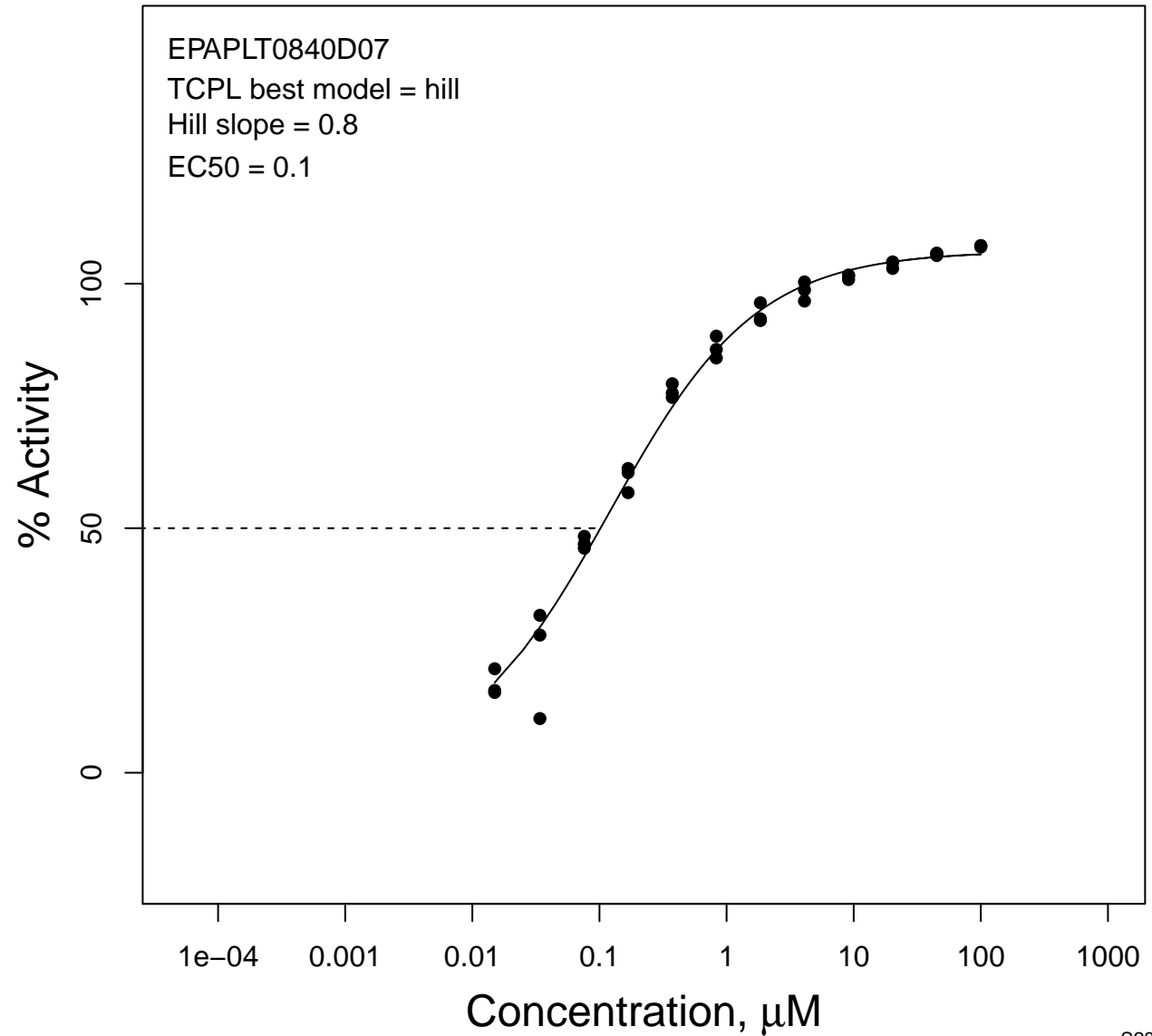
CASRN: 88-30-2

EPAPLT0840D07

TCPL best model = hill

Hill slope = 0.8

EC50 = 0.1



2,4-Di-tert-pentylphenol

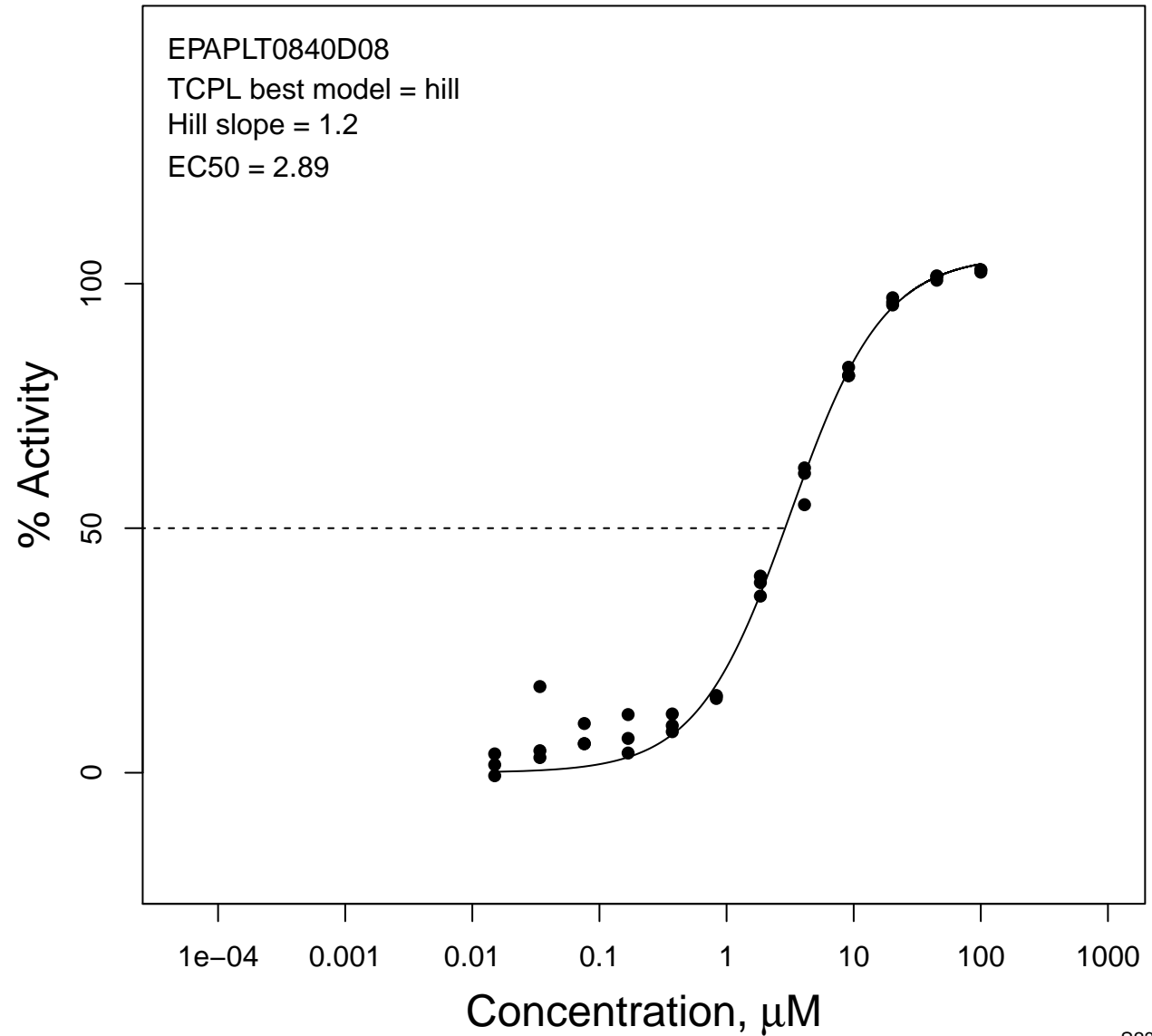
CASRN: 120-95-6

EPAPLT0840D08

TCPL best model = hill

Hill slope = 1.2

EC50 = 2.89



2-Nitrobenzenamine

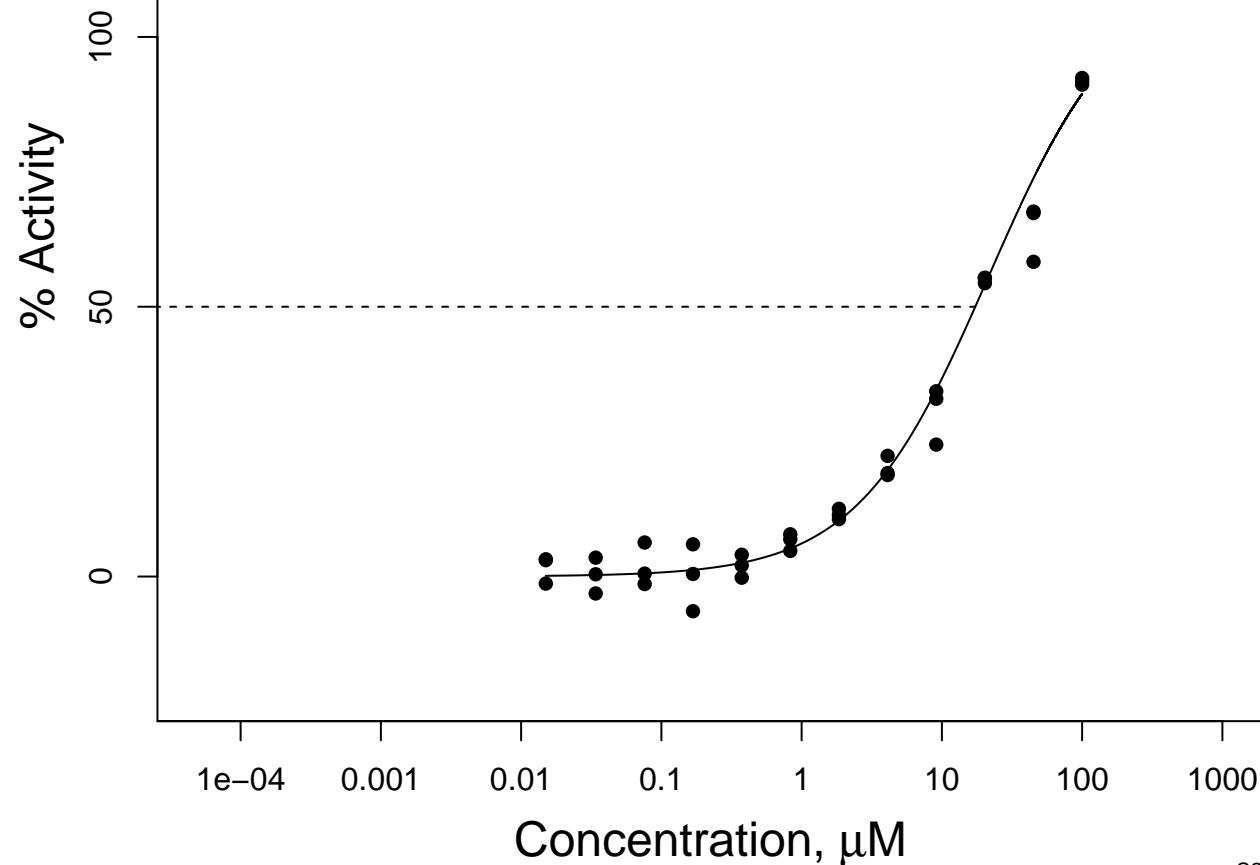
CASRN: 88-74-4

EPAPLT0840D09

TCPL best model = hill

Hill slope = 0.9

EC50 = 17.29



FR130739

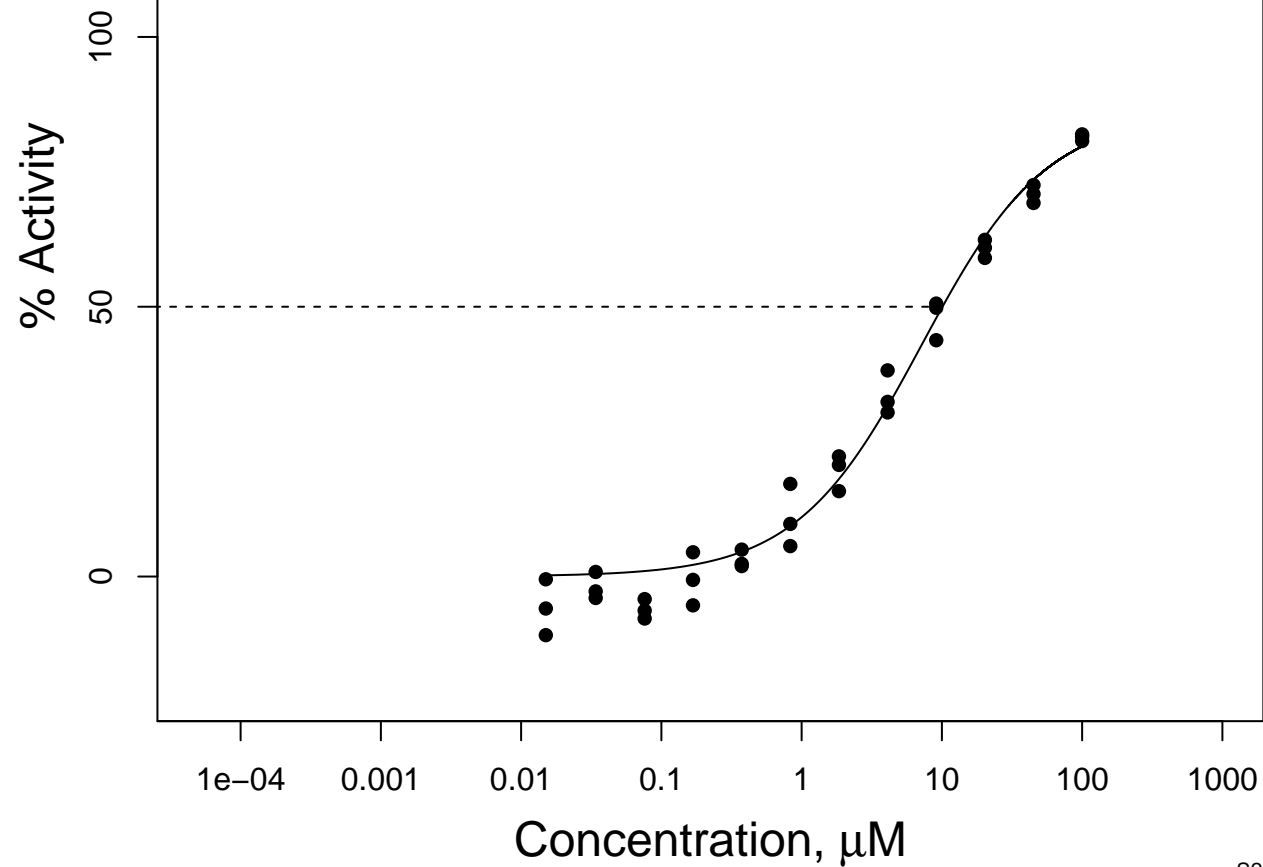
CASRN: 136042-19-8

EPAPLT0840D11

TCPL best model = hill

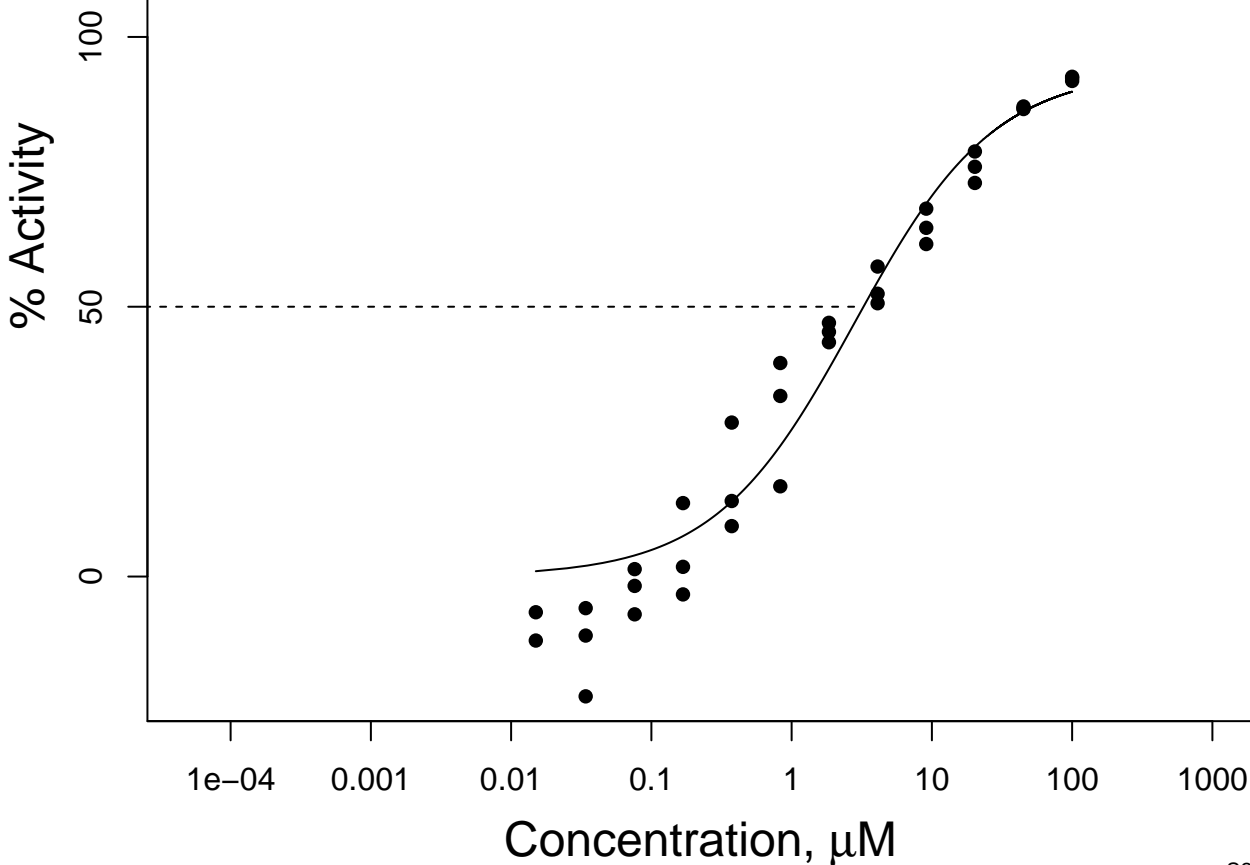
Hill slope = 1

EC50 = 10.1



CASRN: 103055-07-8

EPAPLT0840E06
TCPL best model = hill
Hill slope = 0.9
EC50 = 3.25



Biochanin A

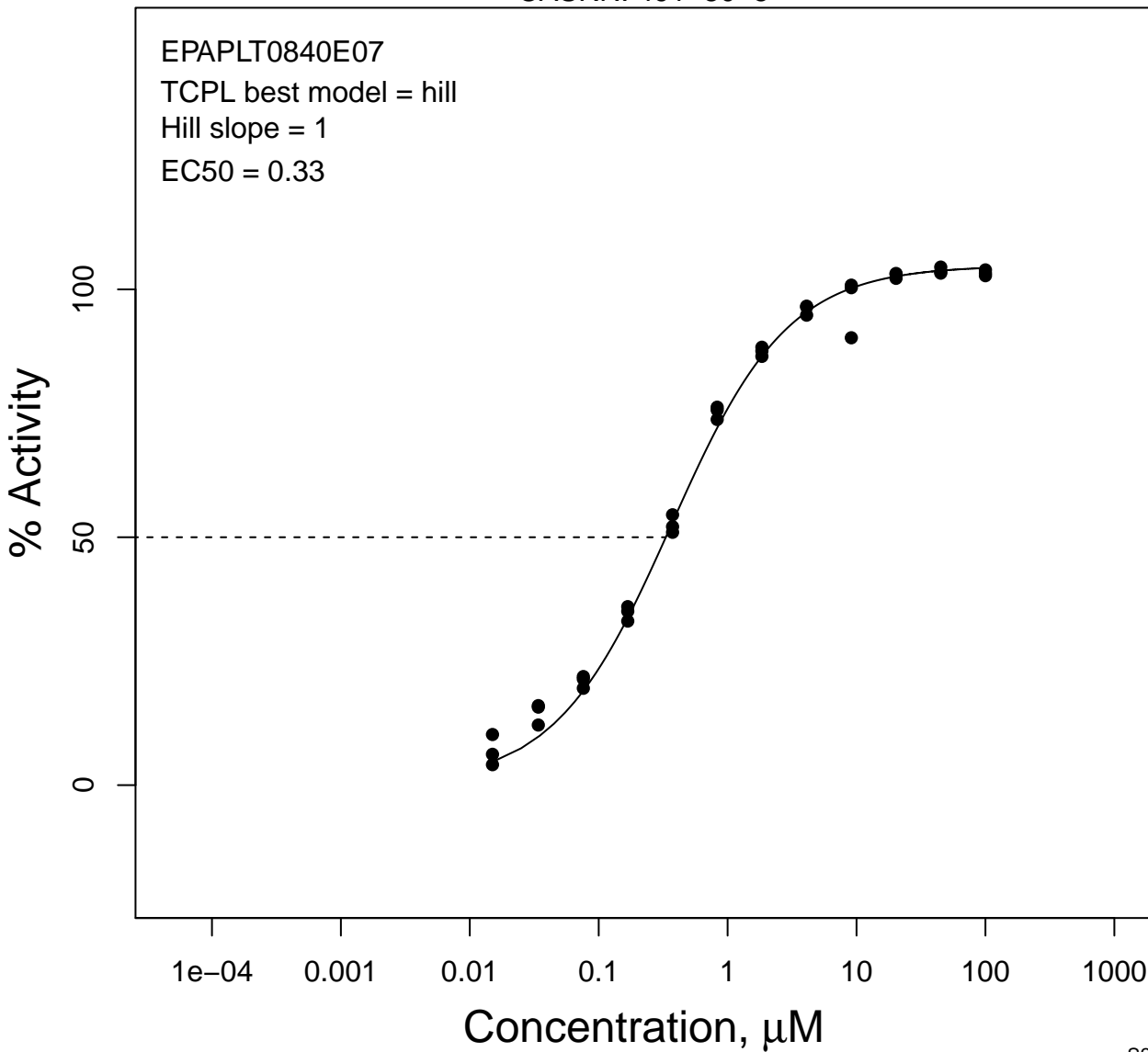
CASRN: 491-80-5

EPAPLT0840E07

TCPL best model = hill

Hill slope = 1

EC50 = 0.33



2,3,6-Trimethylphenol

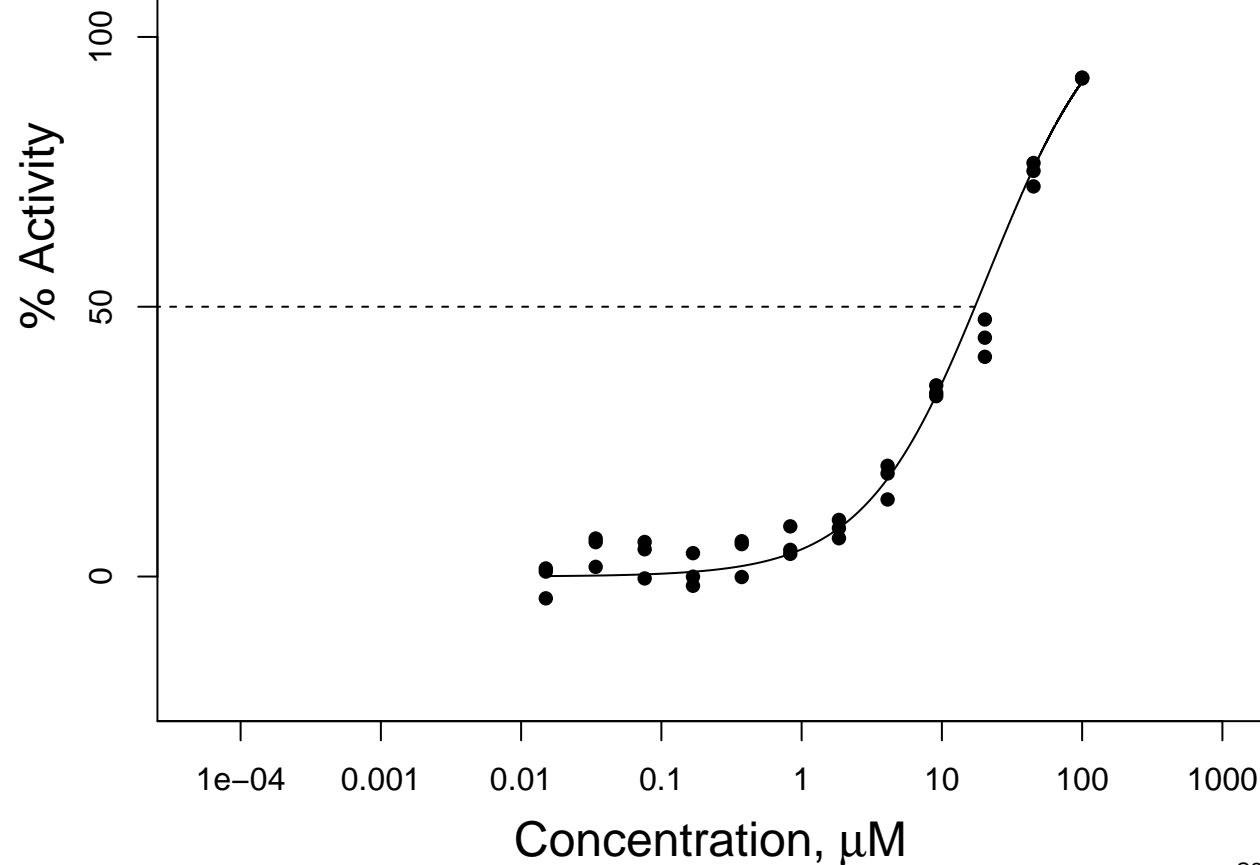
CASRN: 2416-94-6

EPAPLT0840E08

TCPL best model = hill

Hill slope = 1

EC50 = 17.21



Tetradecanoic acid

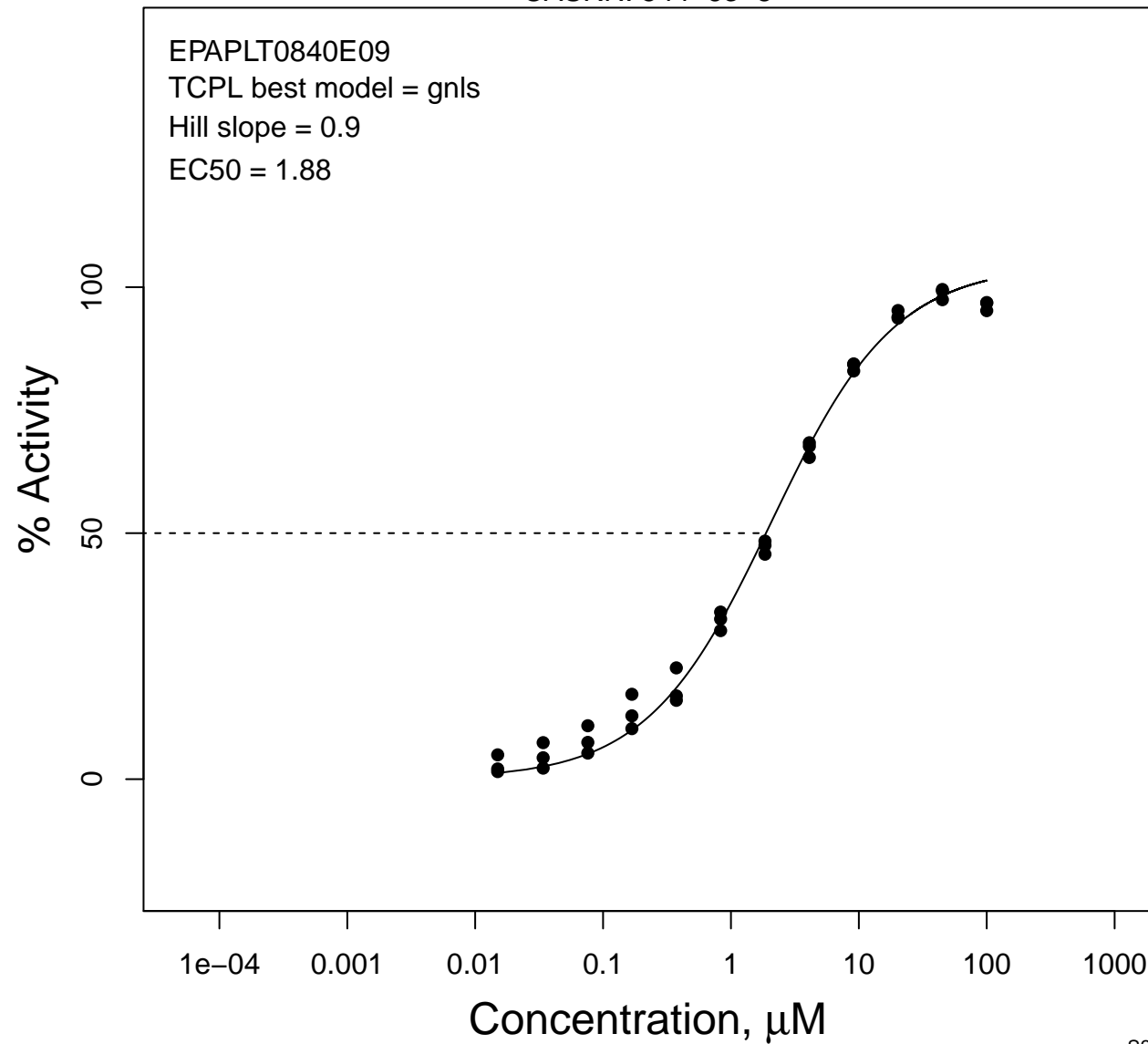
CASRN: 544-63-8

EPAPLT0840E09

TCPL best model = gnl5

Hill slope = 0.9

EC50 = 1.88



Methyl 3-methylorsellinate

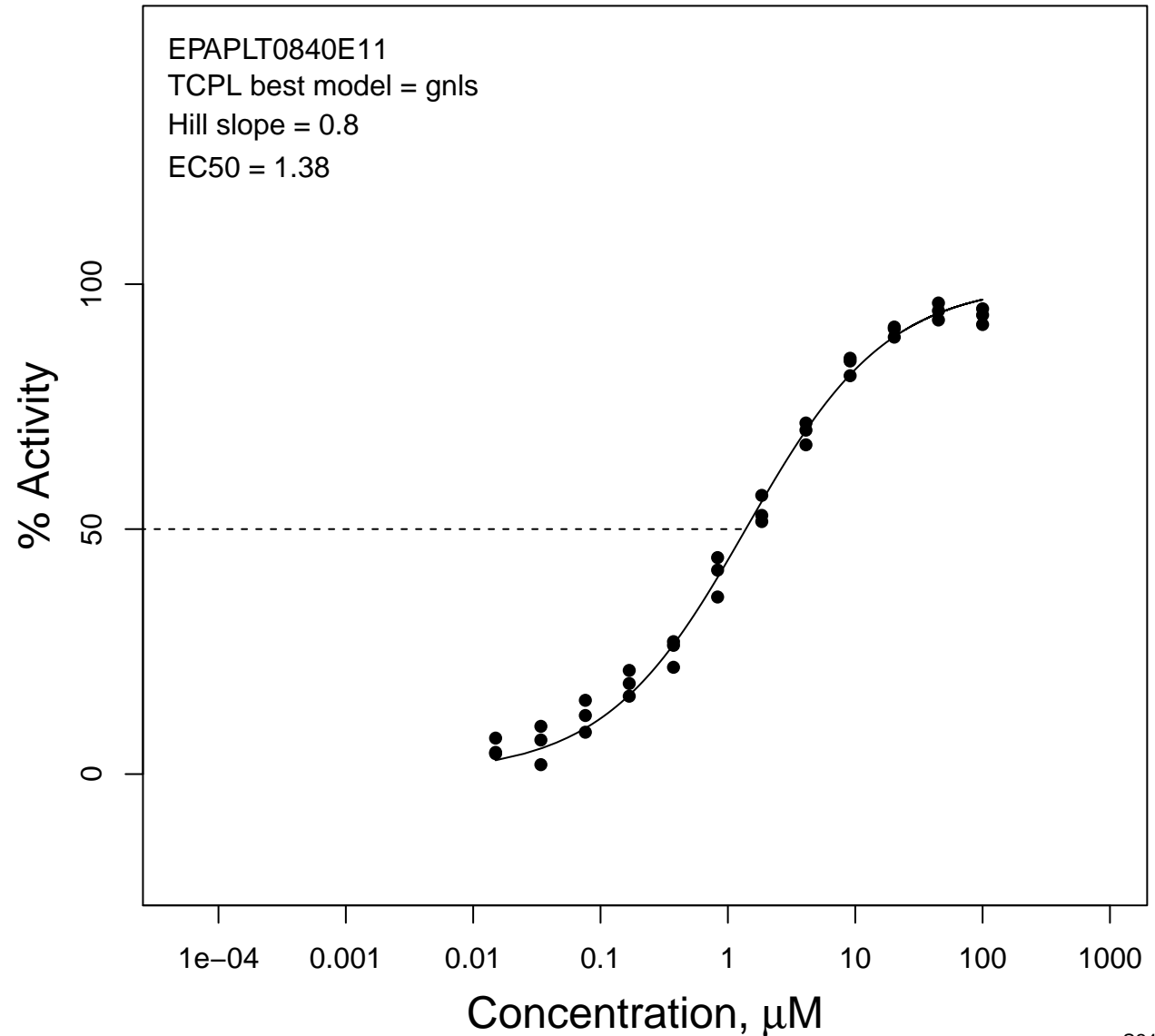
CASRN: 4707-47-5

EPAPLT0840E11

TCPL best model = gnls

Hill slope = 0.8

EC50 = 1.38



Cybutryne

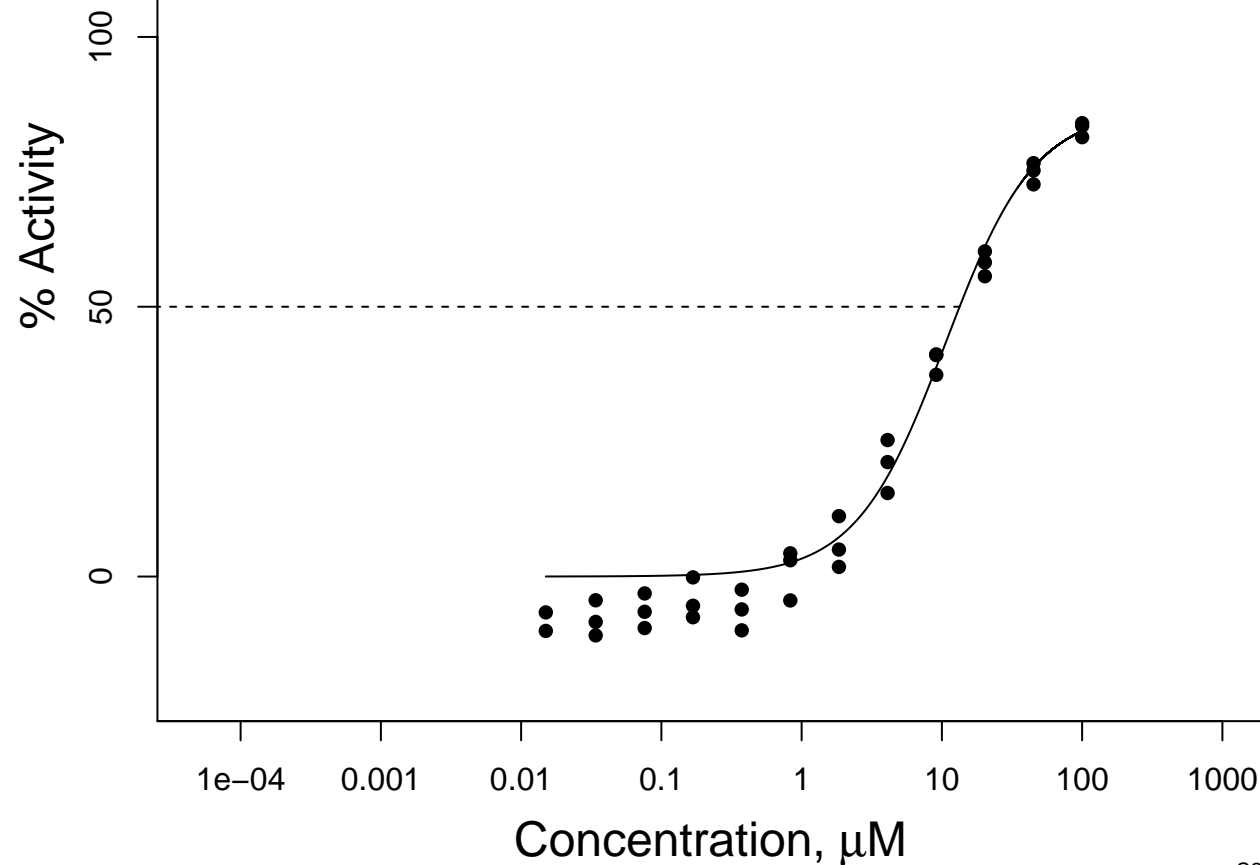
CASRN: 28159-98-0

EPAPLT0840F01

TCPL best model = hill

Hill slope = 1.4

EC50 = 13.38



Pioglitazone hydrochloride

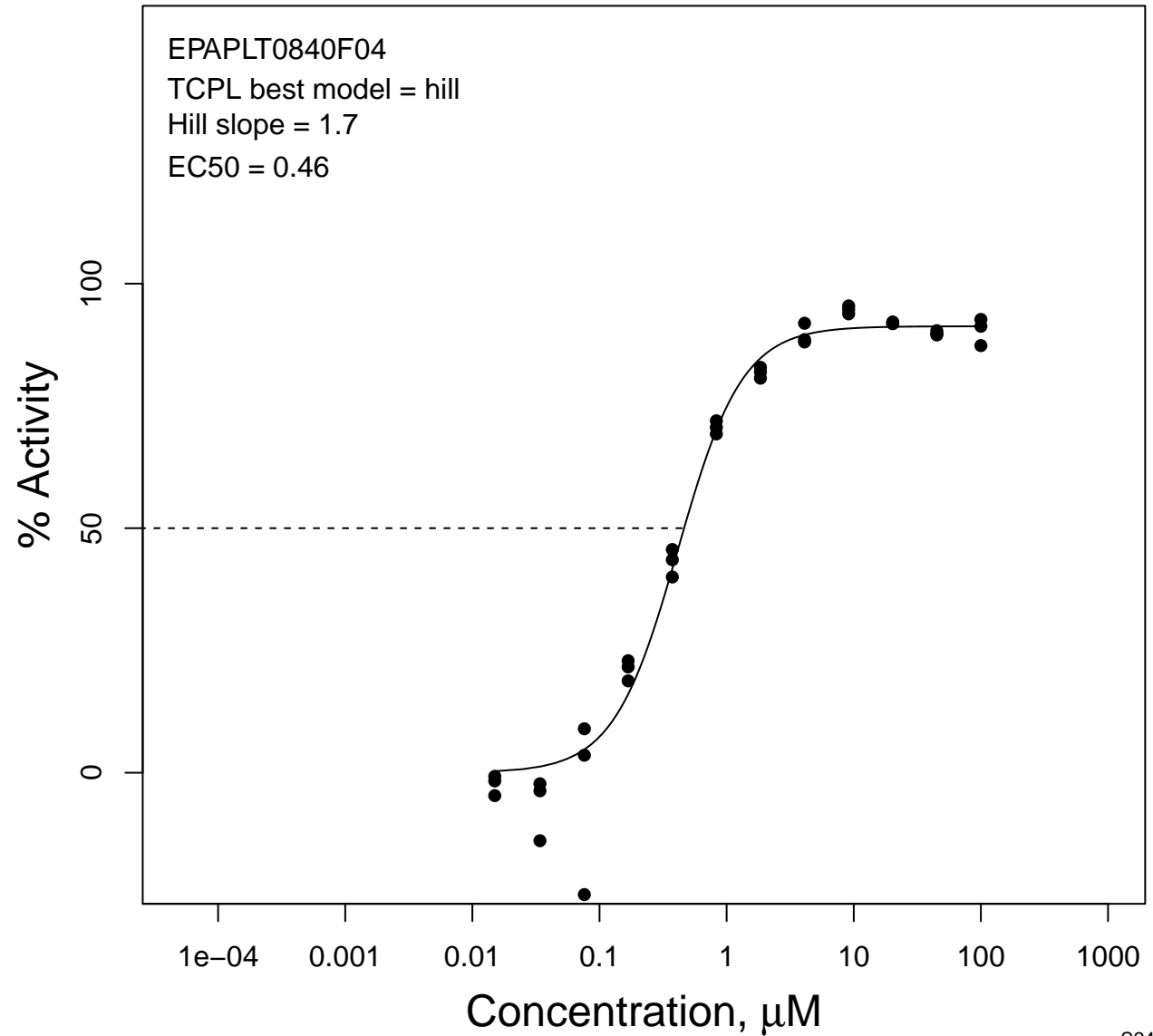
CASRN: 112529-15-4

EPAPLT0840F04

TCPL best model = hill

Hill slope = 1.7

EC50 = 0.46



2-Mercaptobenzothiazole

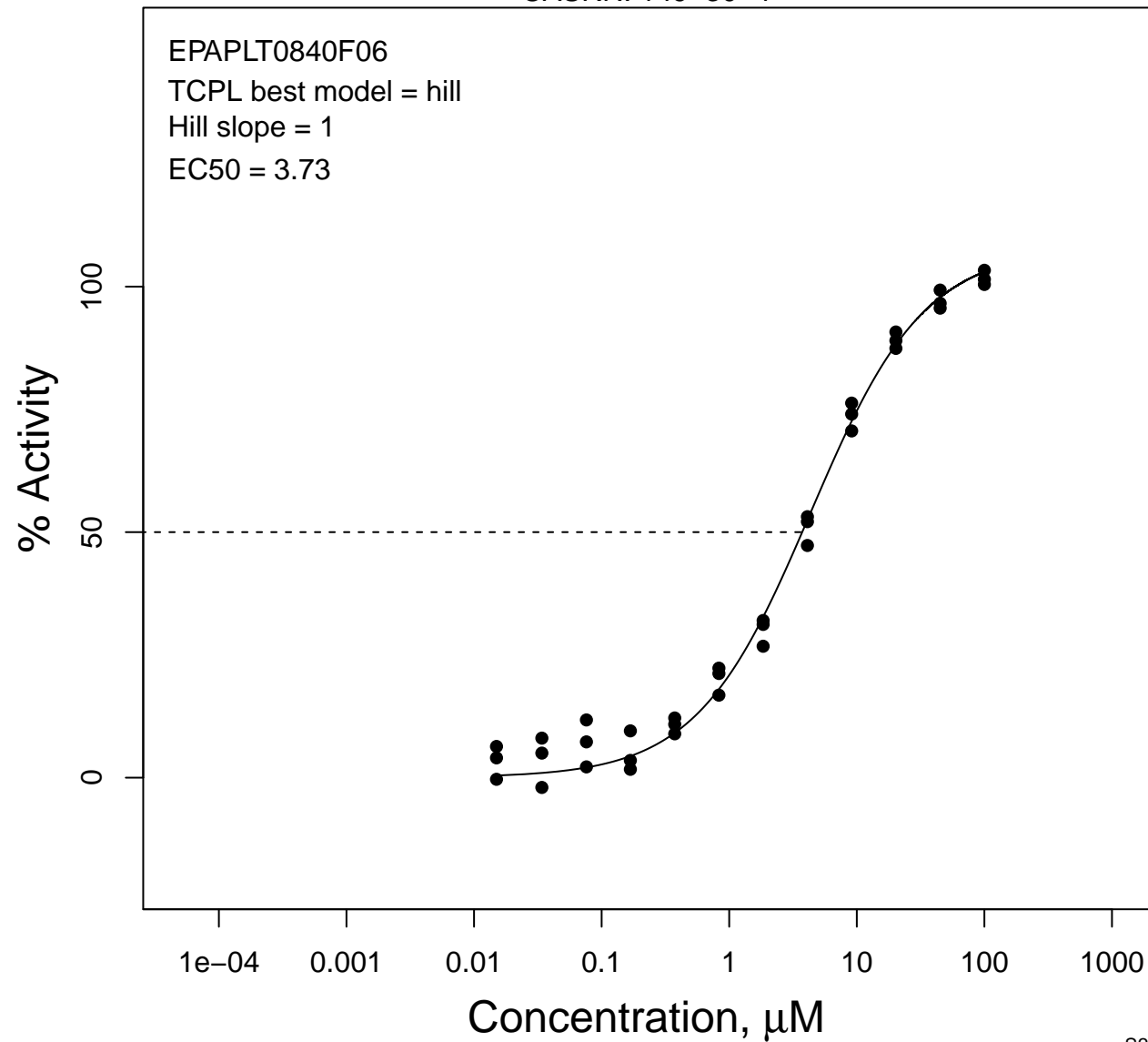
CASRN: 149-30-4

EPAPLT0840F06

TCPL best model = hill

Hill slope = 1

EC50 = 3.73



2,4-D sodium salt

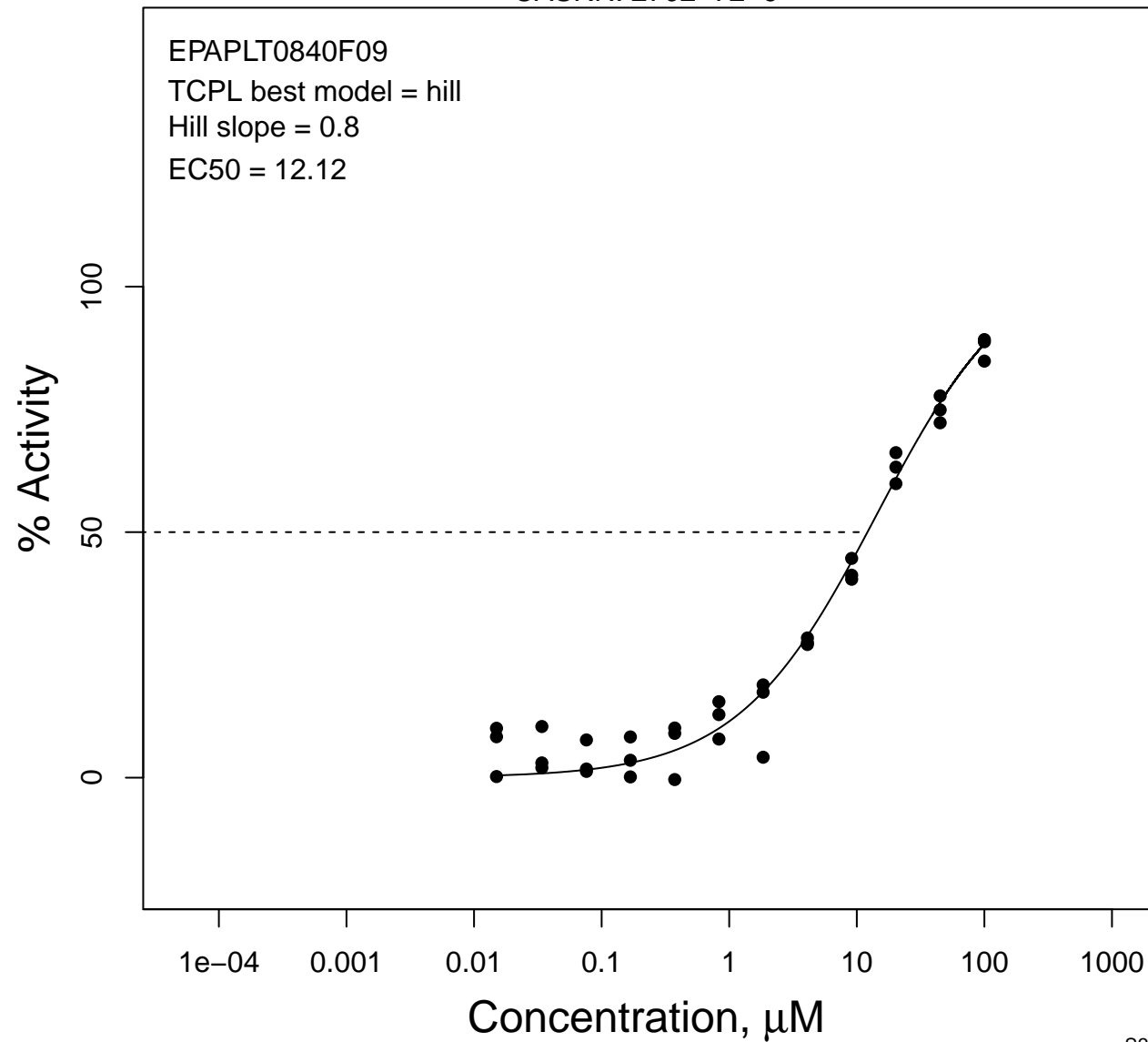
CASRN: 2702-72-9

EPAPLT0840F09

TCPL best model = hill

Hill slope = 0.8

EC50 = 12.12



Dichlone

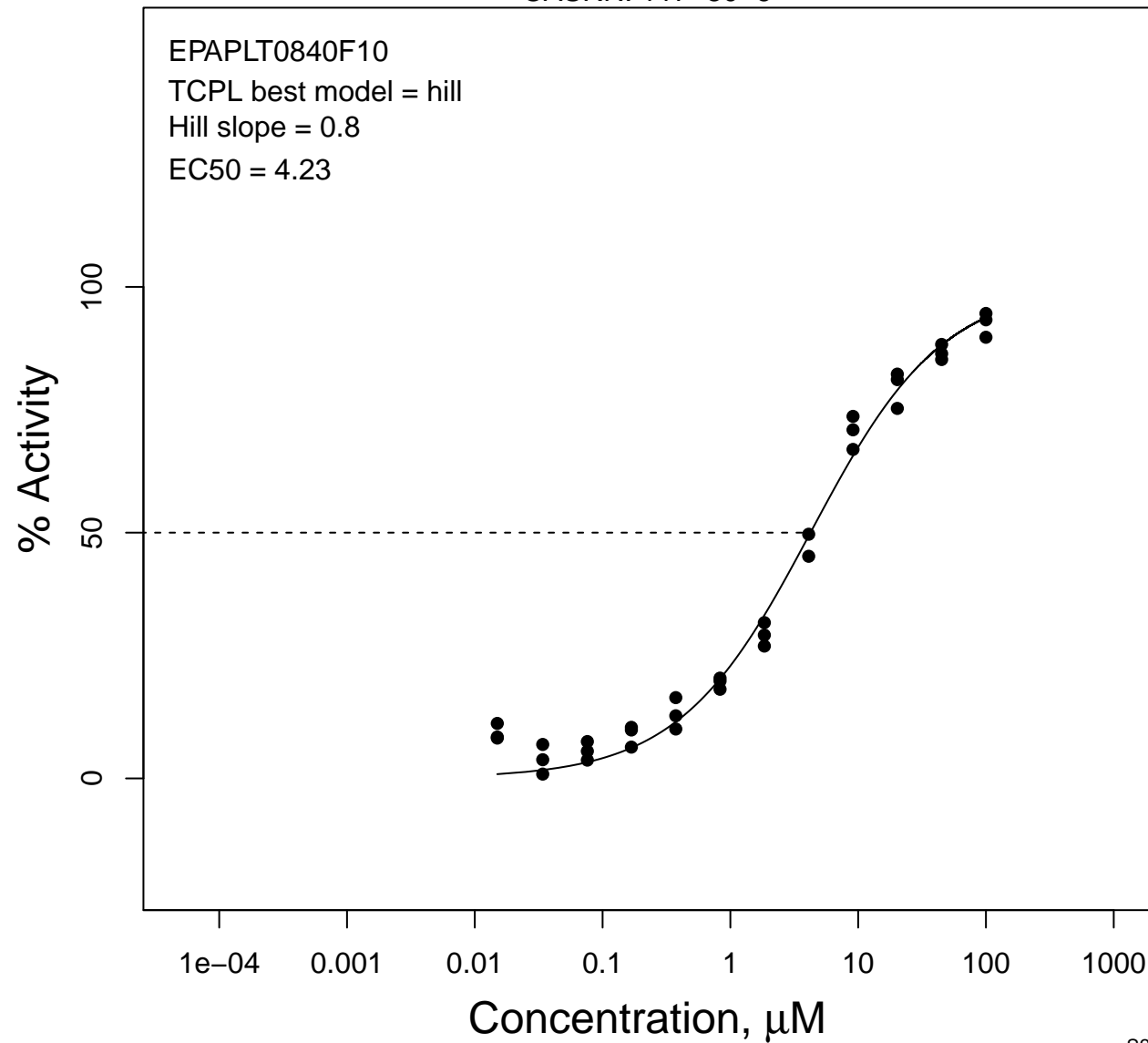
CASRN: 117-80-6

EPAPLT0840F10

TCPL best model = hill

Hill slope = 0.8

EC50 = 4.23



Flavone

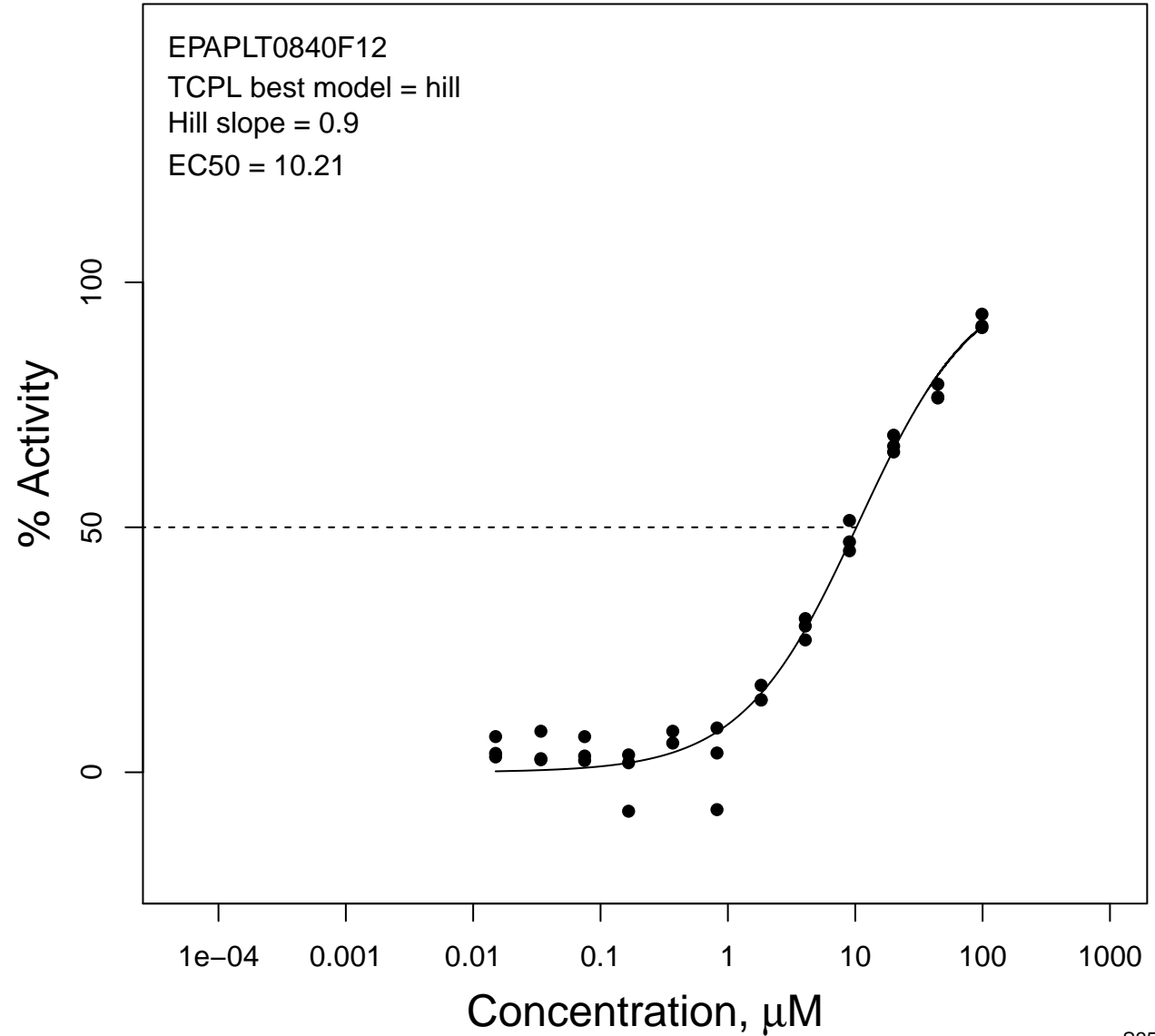
CASRN: 525-82-6

EPAPLT0840F12

TCPL best model = hill

Hill slope = 0.9

EC50 = 10.21



Dodecyl sulfate triethanolamine salt

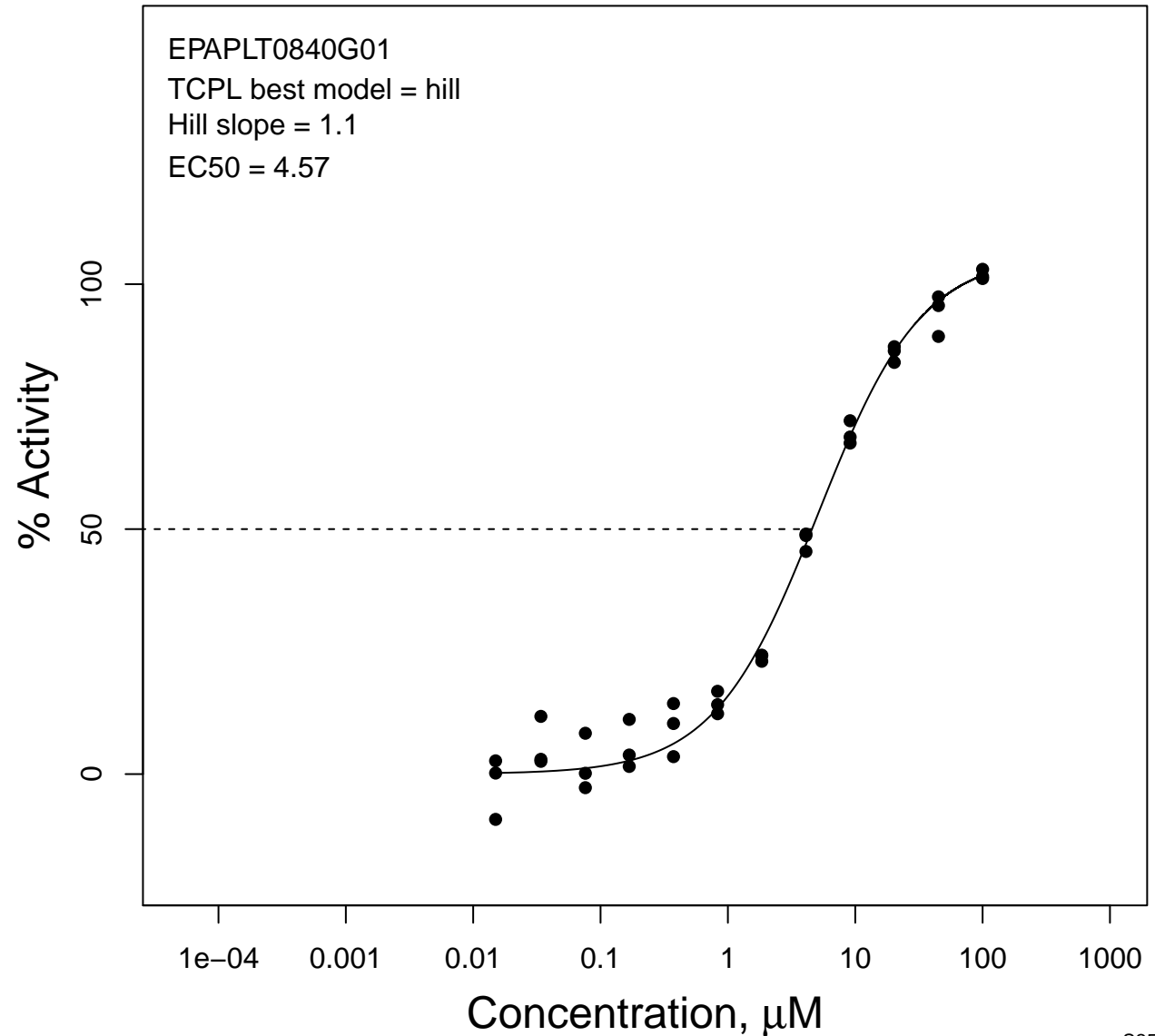
CASRN: 139-96-8

EPAPLT0840G01

TCPL best model = hill

Hill slope = 1.1

EC50 = 4.57



Dodecylbenzenesulfonic acid

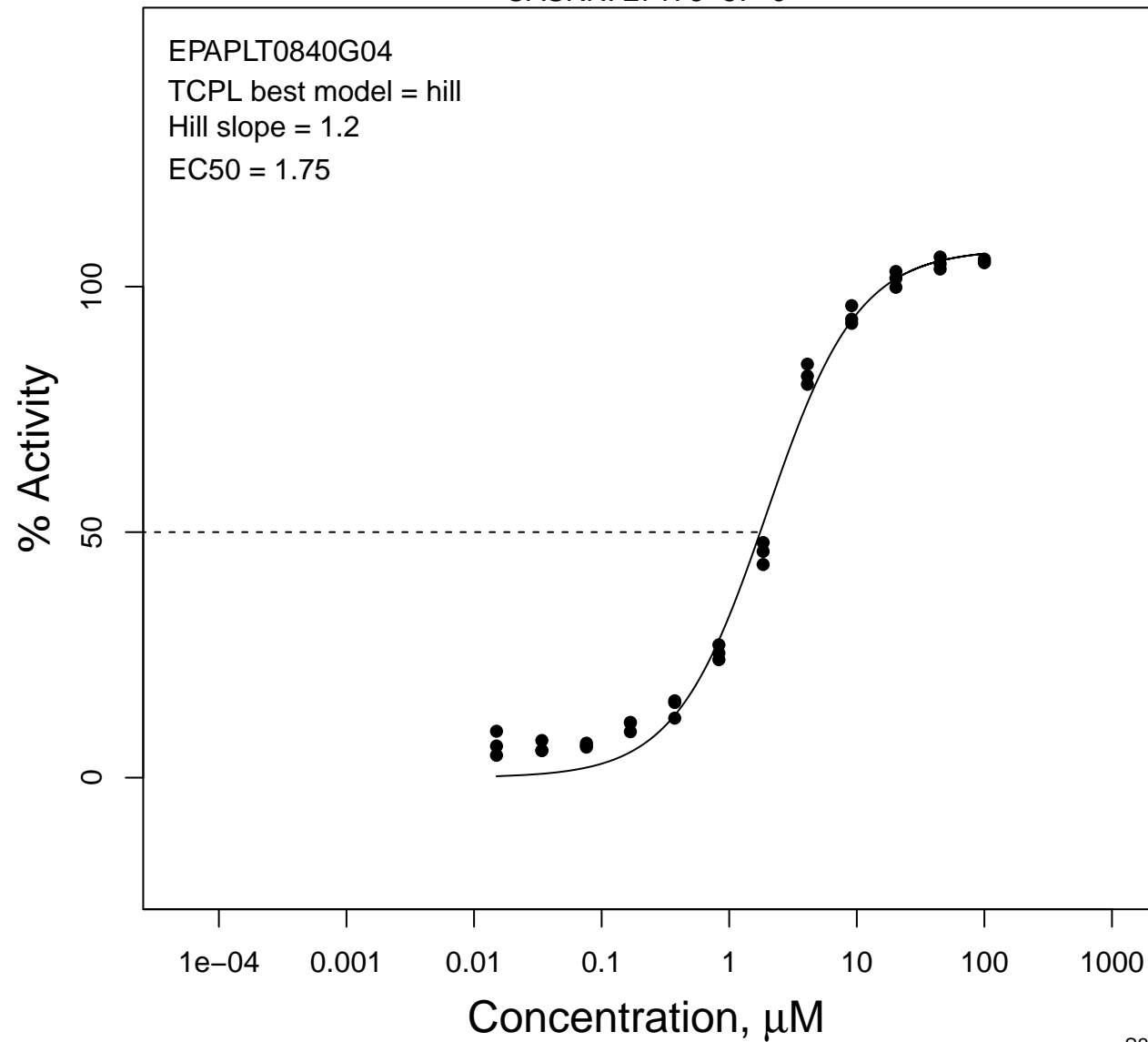
CASRN: 27176-87-0

EPAPLT0840G04

TCPL best model = hill

Hill slope = 1.2

EC50 = 1.75



4-Dodecylphenol

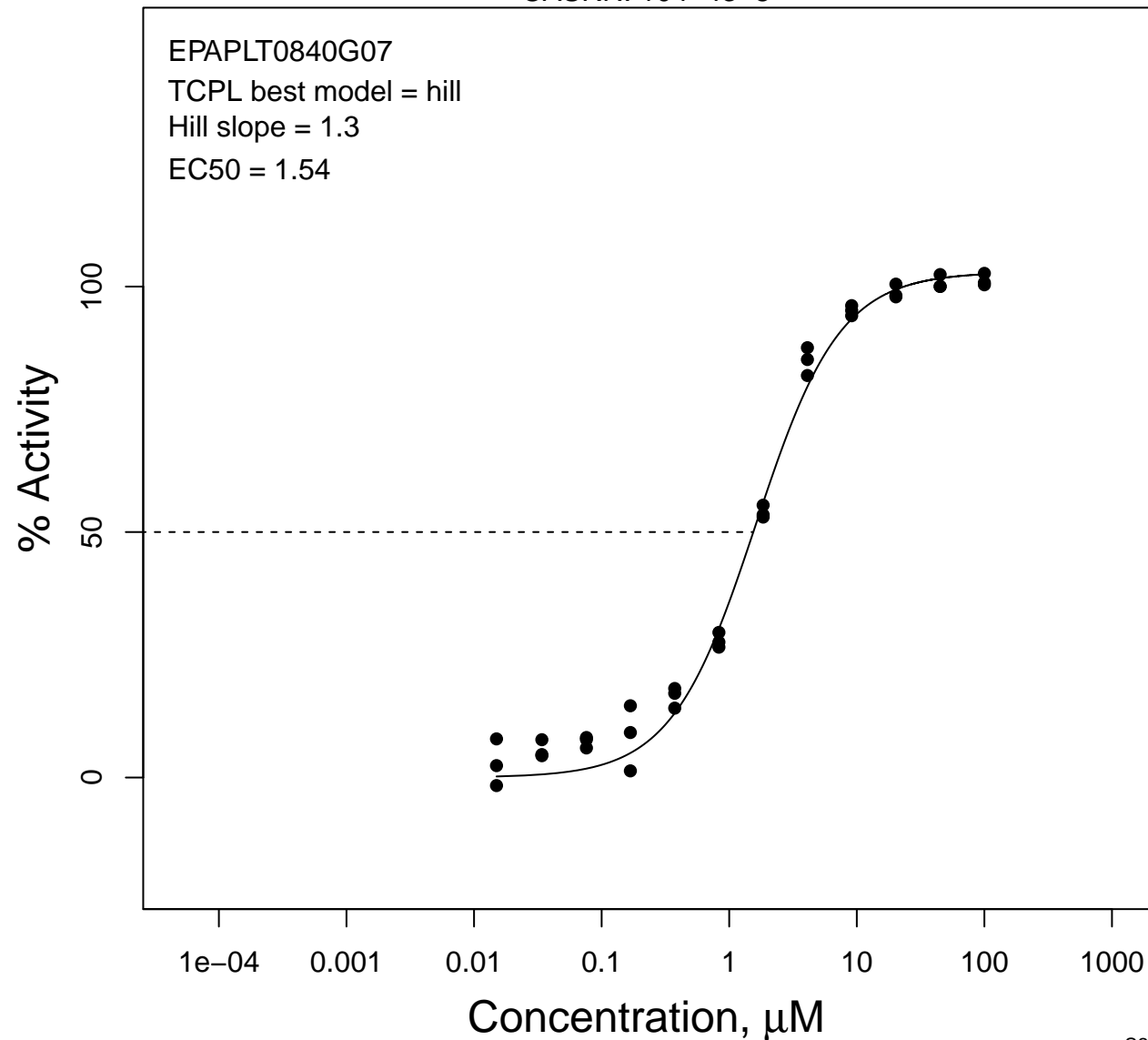
CASRN: 104-43-8

EPAPLT0840G07

TCPL best model = hill

Hill slope = 1.3

EC50 = 1.54



Sodium octyl sulfate

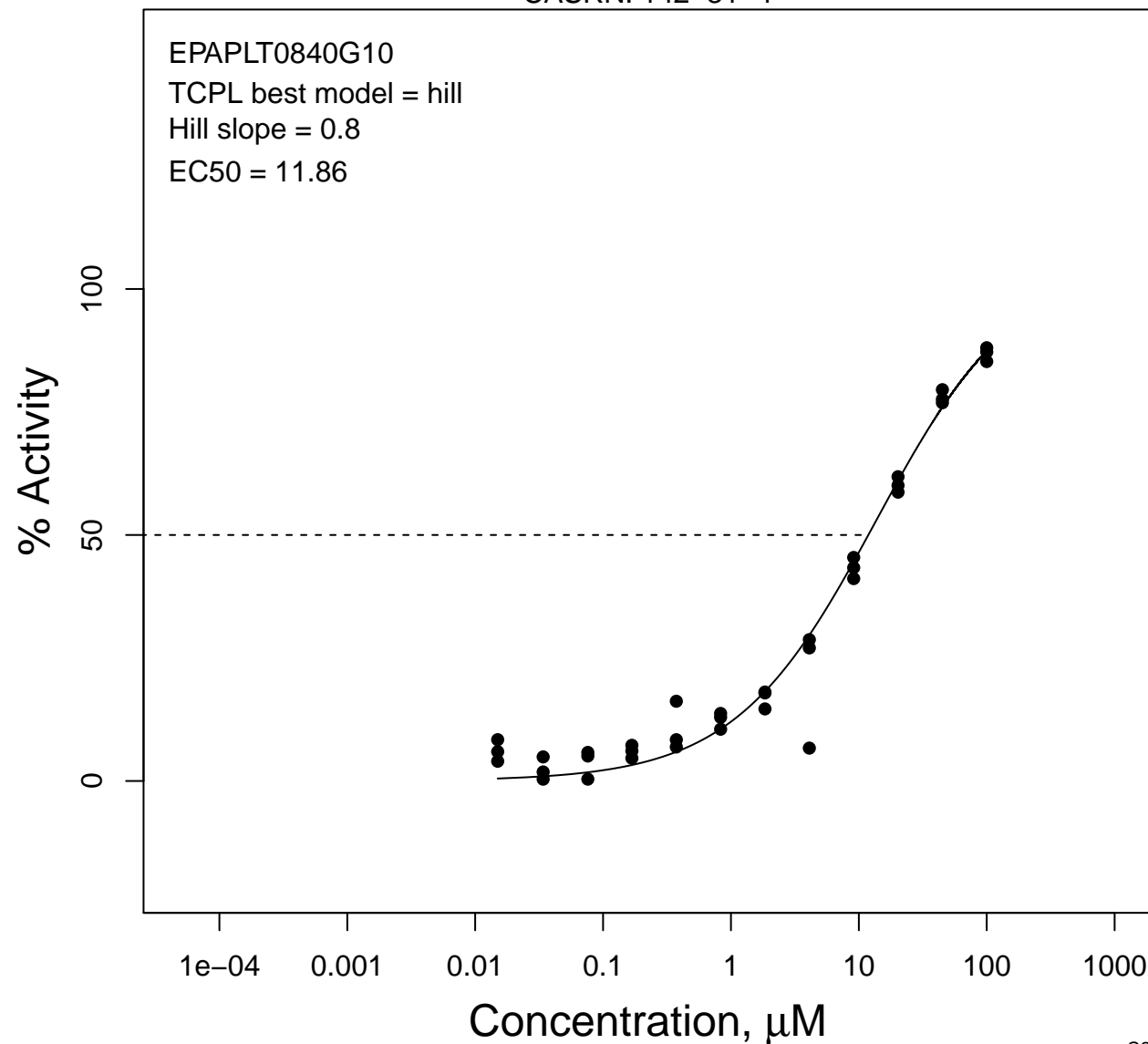
CASRN: 142-31-4

EPAPLT0840G10

TCPL best model = hill

Hill slope = 0.8

EC50 = 11.86



3,3'-Dimethylbenzidine dihydrochloride

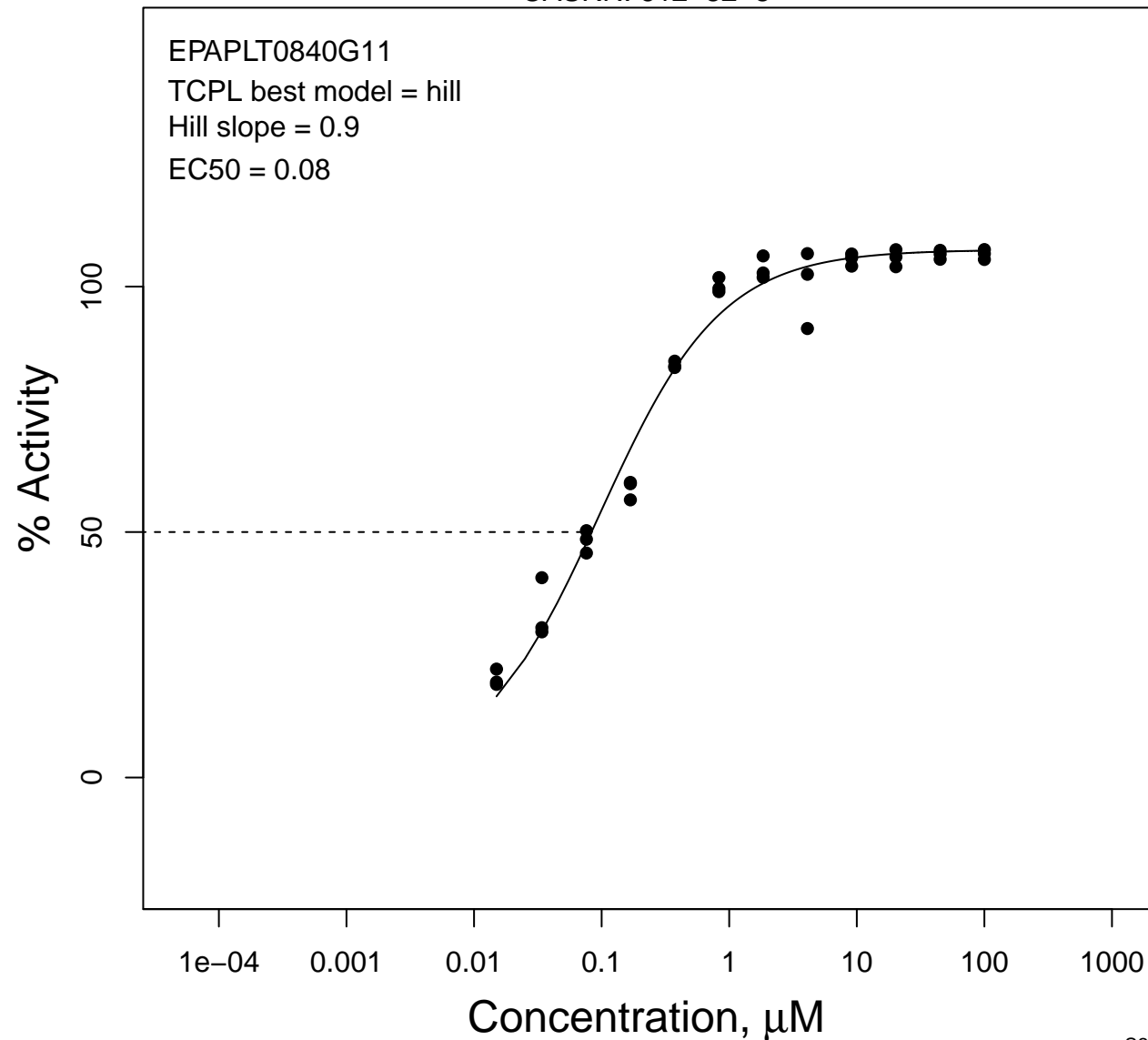
CASRN: 612-82-8

EPAPLT0840G11

TCPL best model = hill

Hill slope = 0.9

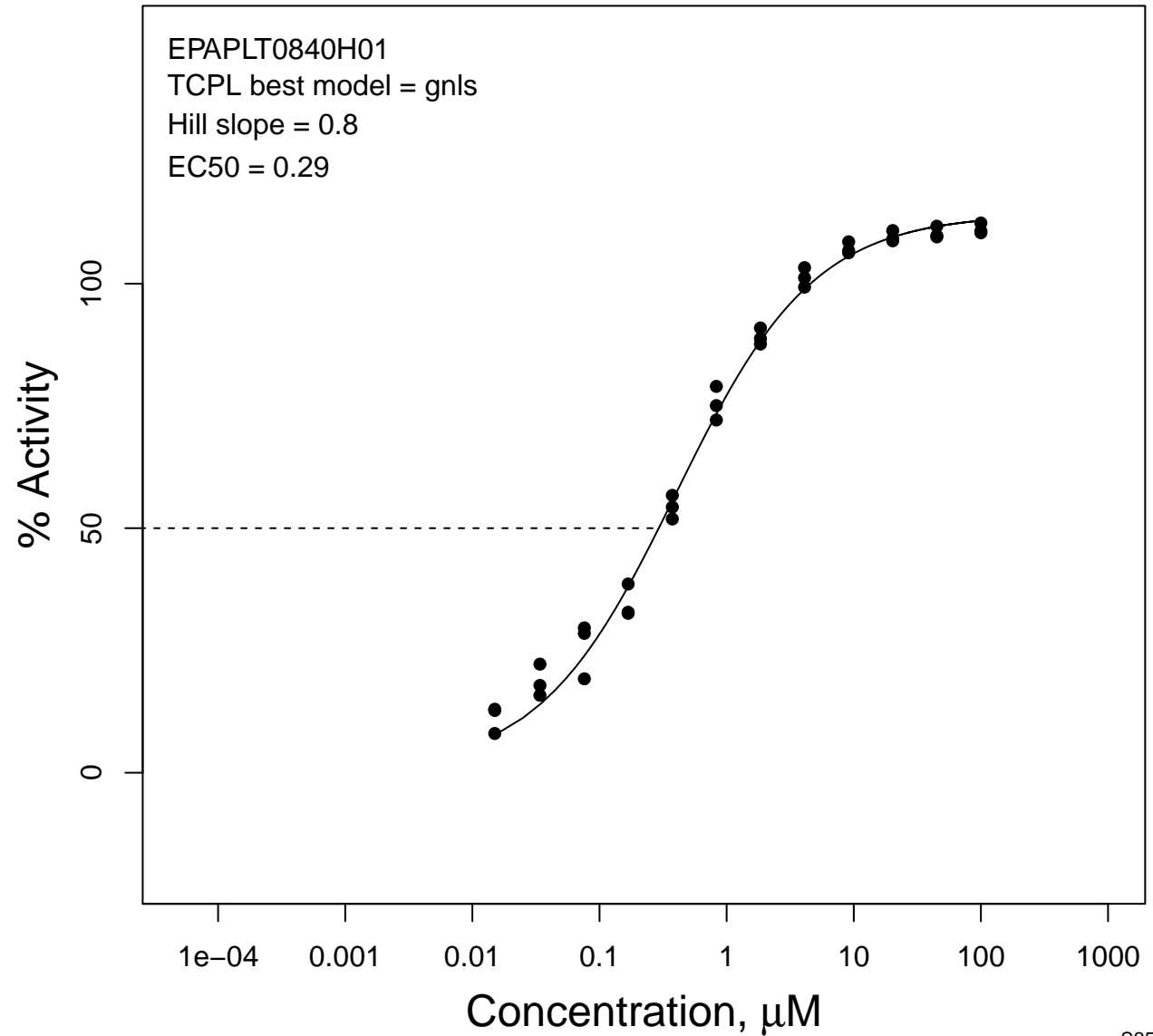
EC50 = 0.08



C.I. Acid Orange 156

CASRN: 68555-86-2

EPAPLT0840H01
TCPL best model = gnls
Hill slope = 0.8
EC50 = 0.29



Sodium decyl sulfate

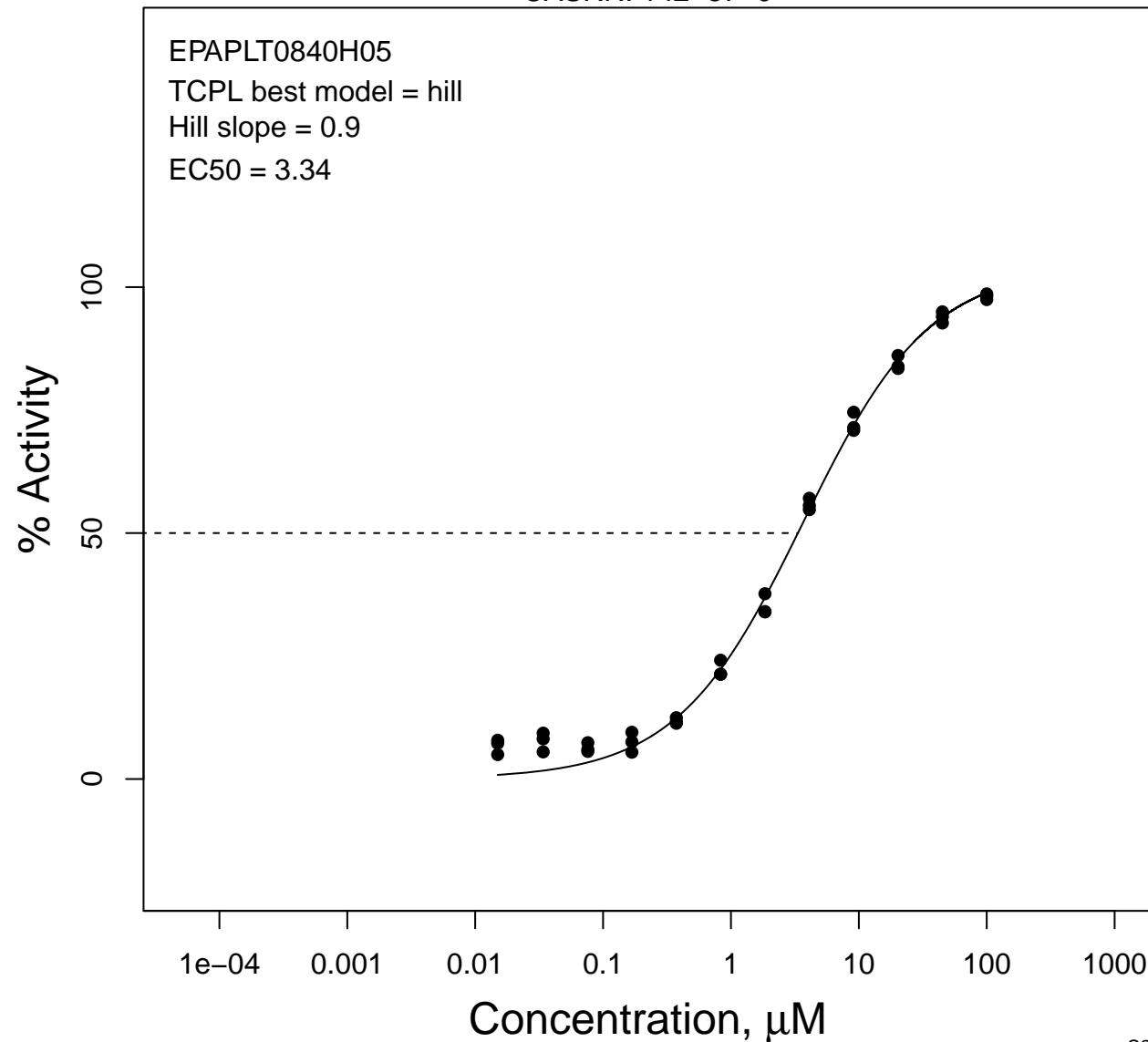
CASRN: 142-87-0

EPAPLT0840H05

TCPL best model = hill

Hill slope = 0.9

EC50 = 3.34



Butylparaben

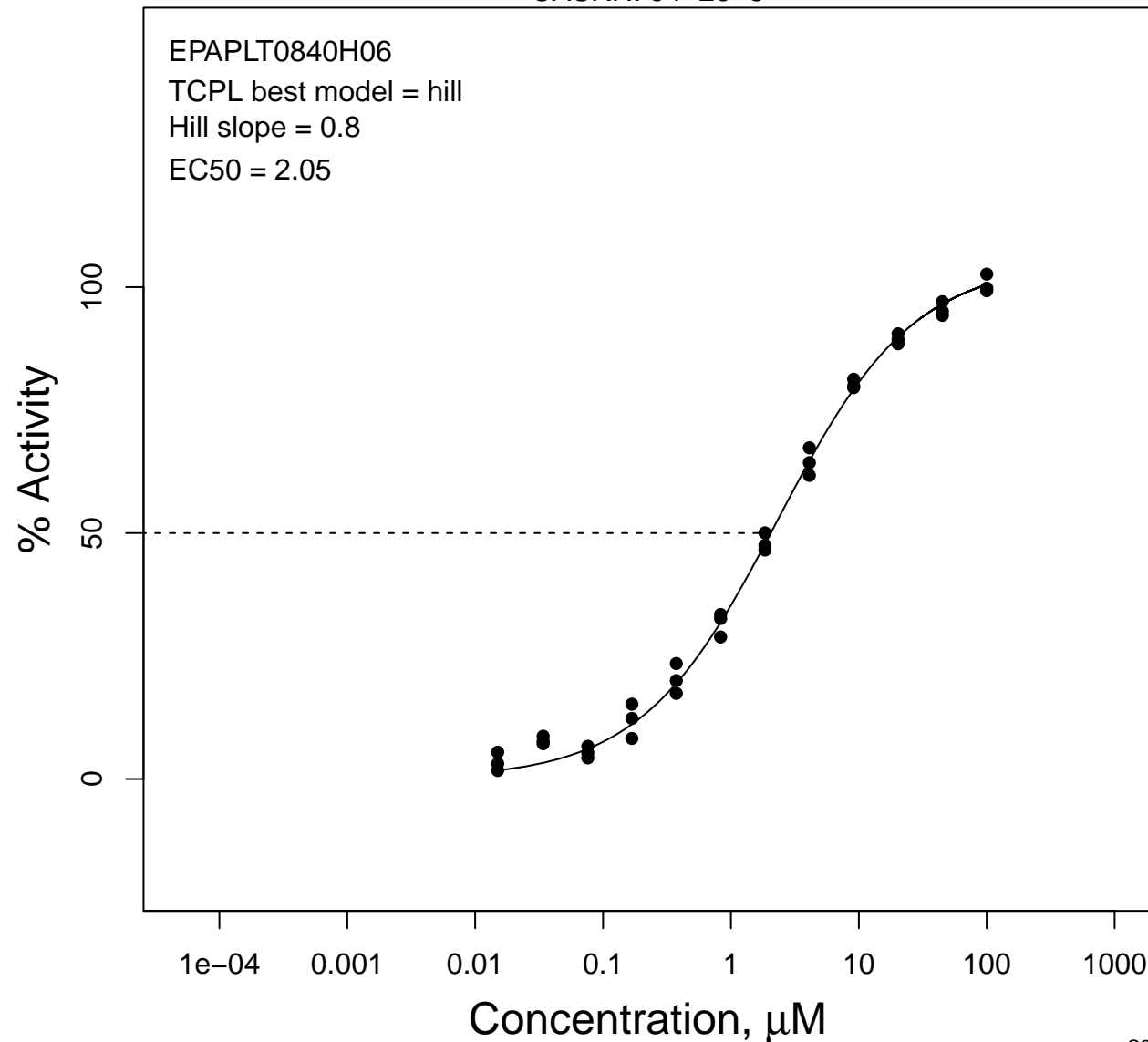
CASRN: 94-26-8

EPAPLT0840H06

TCPL best model = hill

Hill slope = 0.8

EC50 = 2.05



Decanoic acid

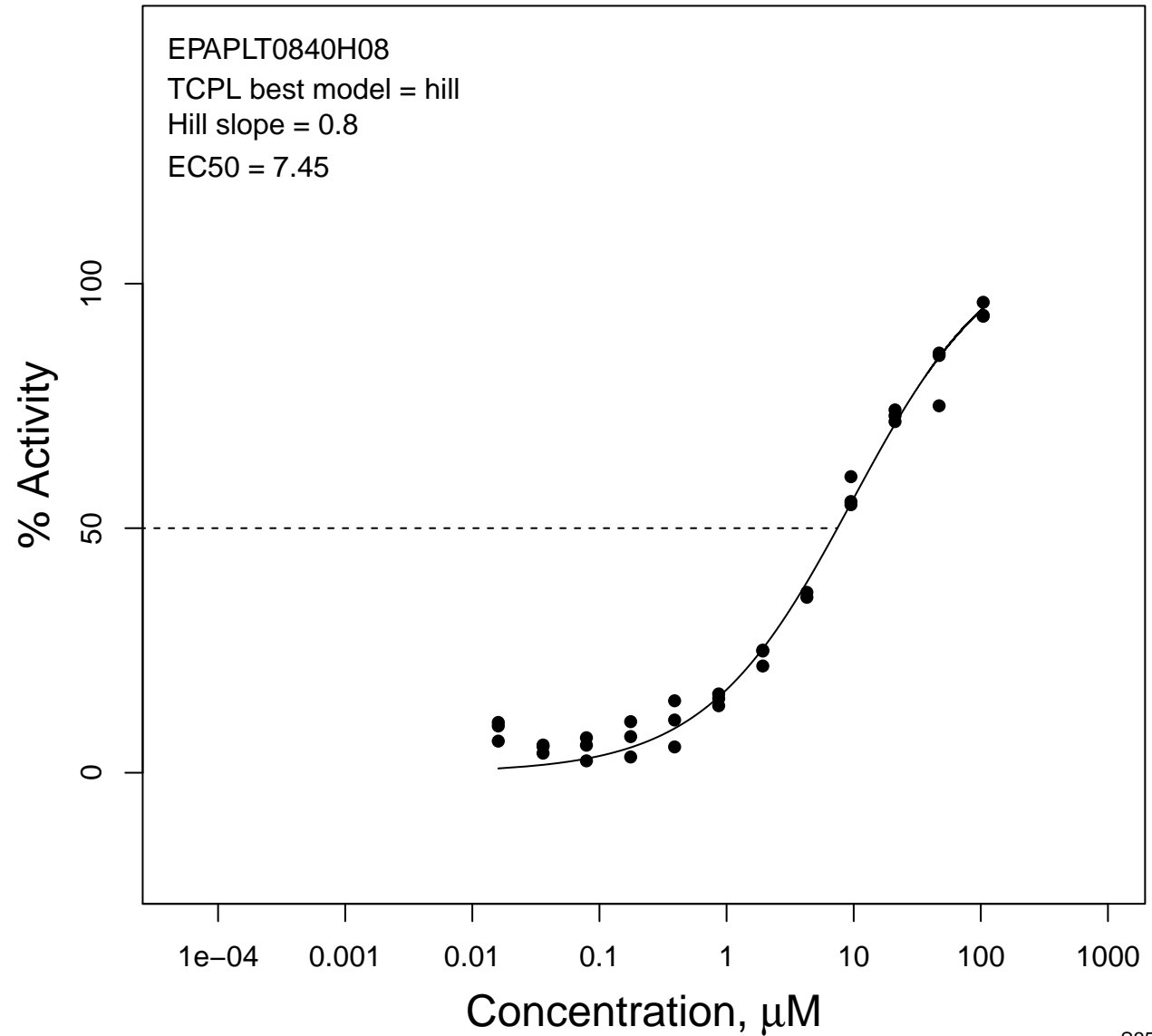
CASRN: 334-48-5

EPAPLT0840H08

TCPL best model = hill

Hill slope = 0.8

EC50 = 7.45



Bromophenol blue

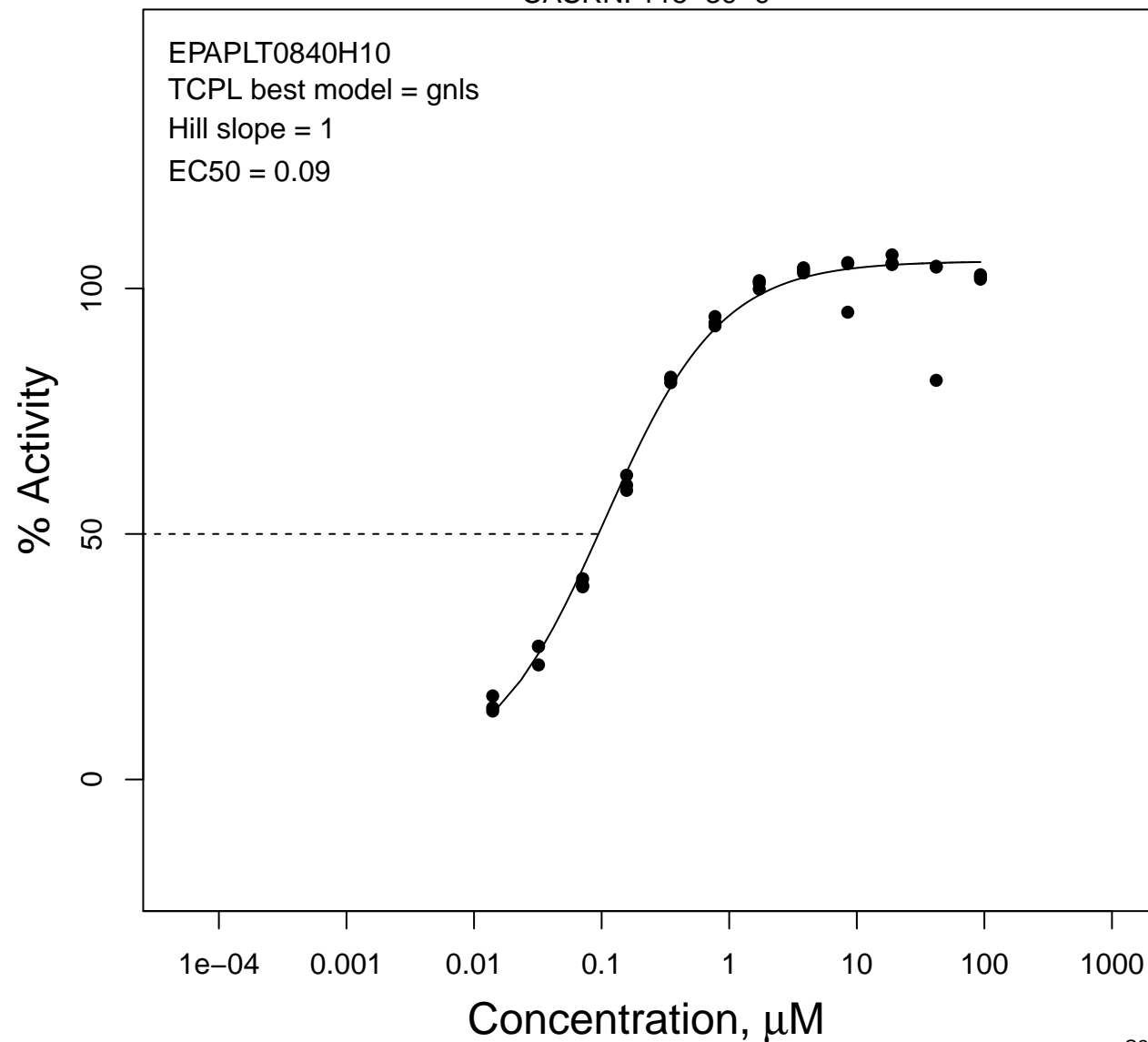
CASRN: 115-39-9

EPAPLT0840H10

TCPL best model = gnl5

Hill slope = 1

EC50 = 0.09



2,6-Dimethylphenol

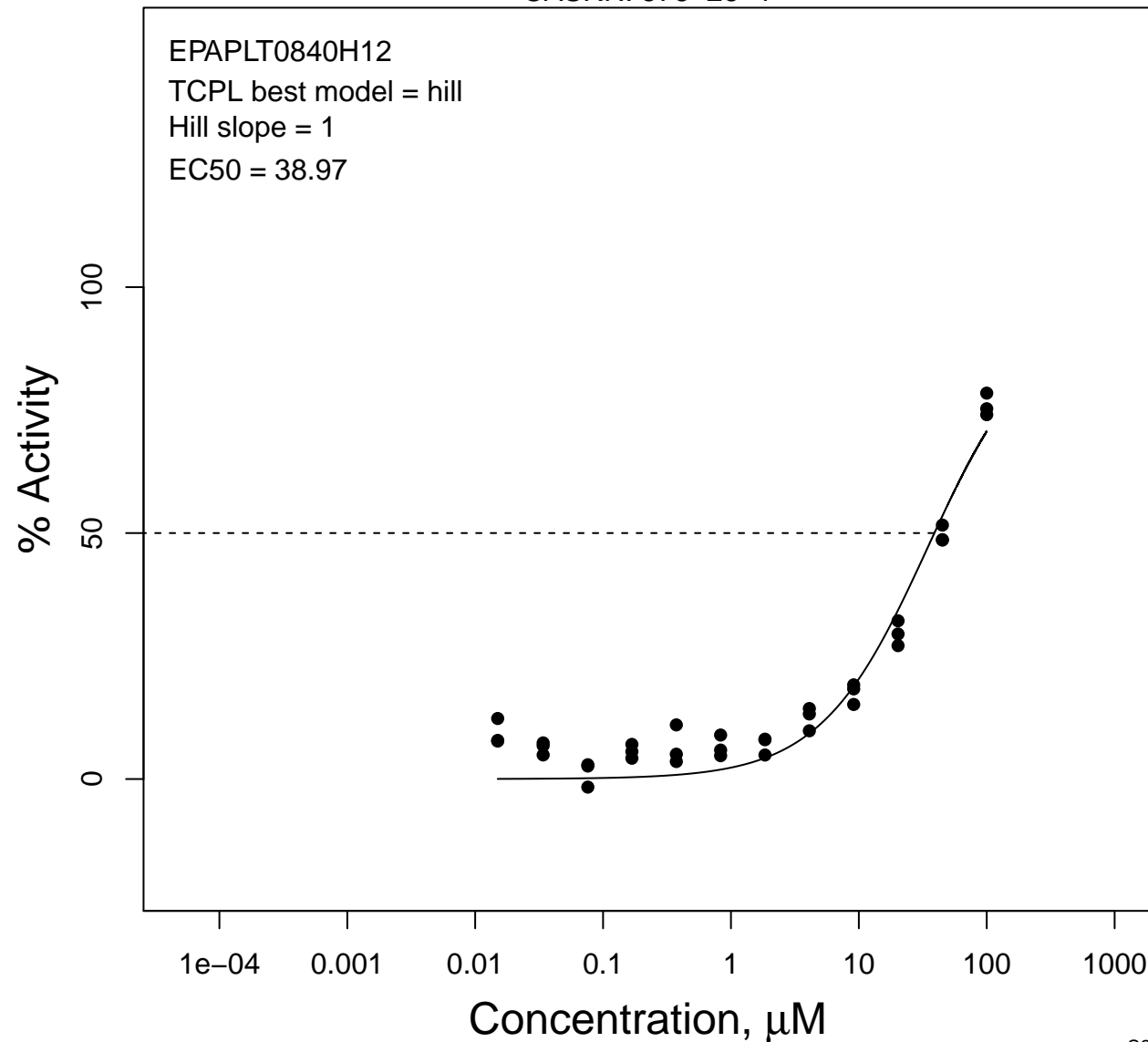
CASRN: 576-26-1

EPAPLT0840H12

TCPL best model = hill

Hill slope = 1

EC50 = 38.97



4-Chloro-2-cyano-N,N-dimethyl-5-(4-methylphenyl)-1H-imidazole-1-sulfonamide

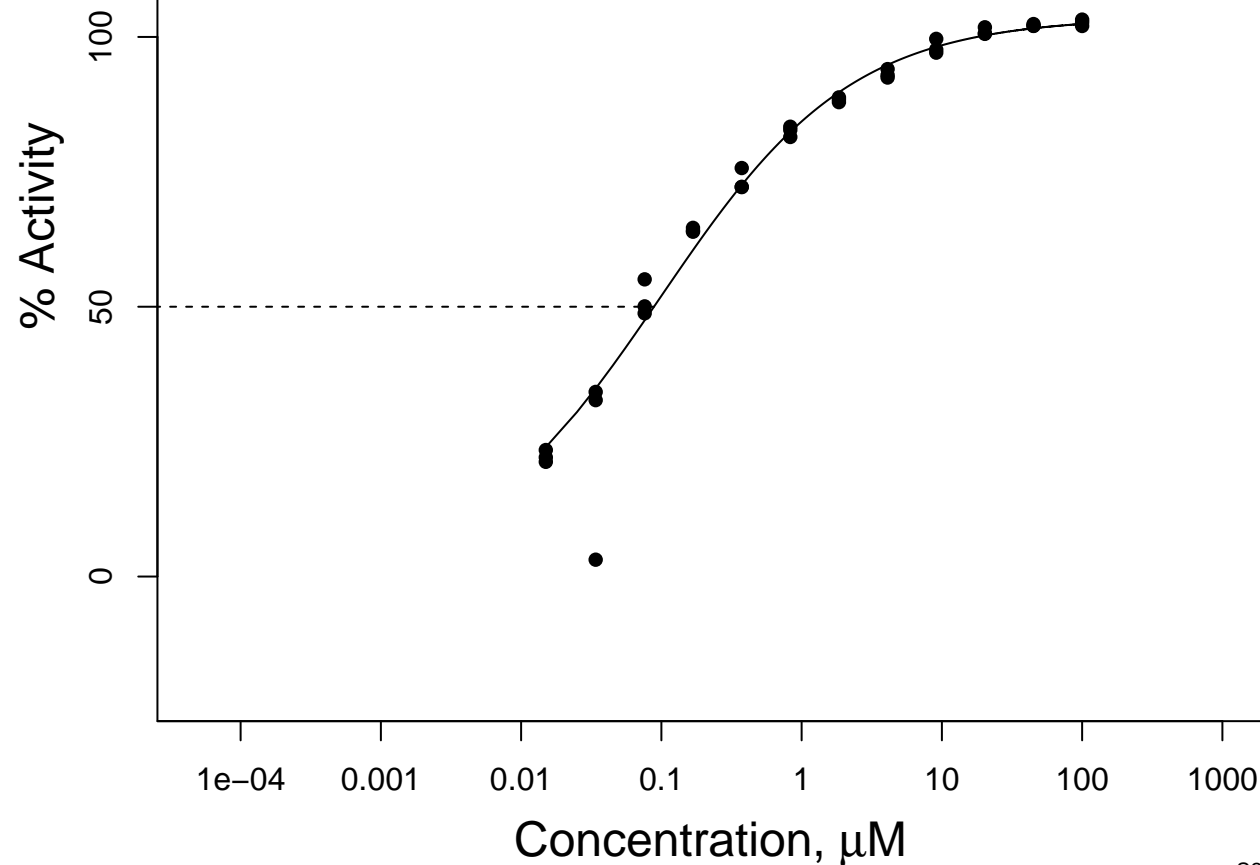
CASRN: 120116-88-3

EPAPLT0841B03

TCPL best model = hill

Hill slope = 0.6

EC50 = 0.09



1-(2-Chlorophenyl)-N-methyl-N-(1-methylpropyl)-3-isoquinolinecarboxamide

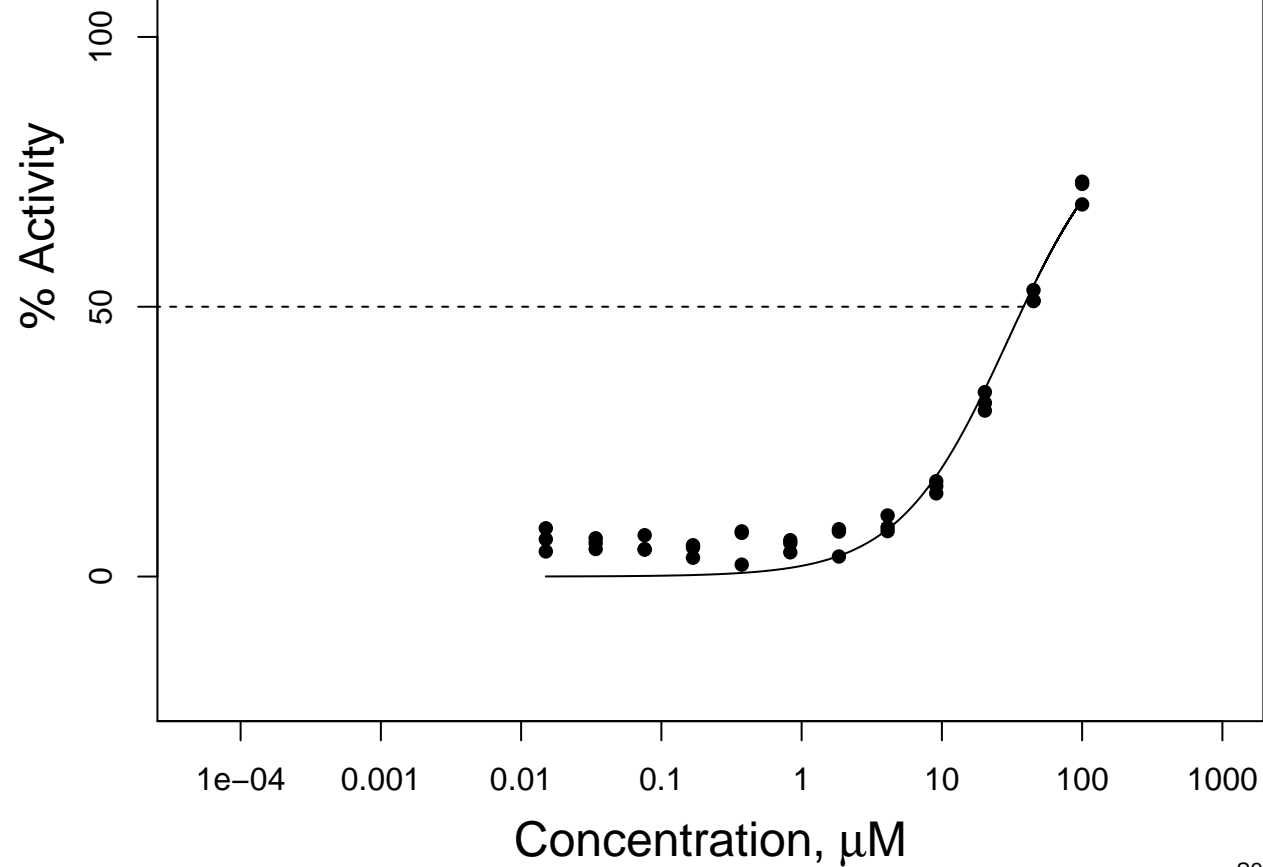
CASRN: 85532-75-8

EPAPLT0841B04

TCPL best model = hill

Hill slope = 1.1

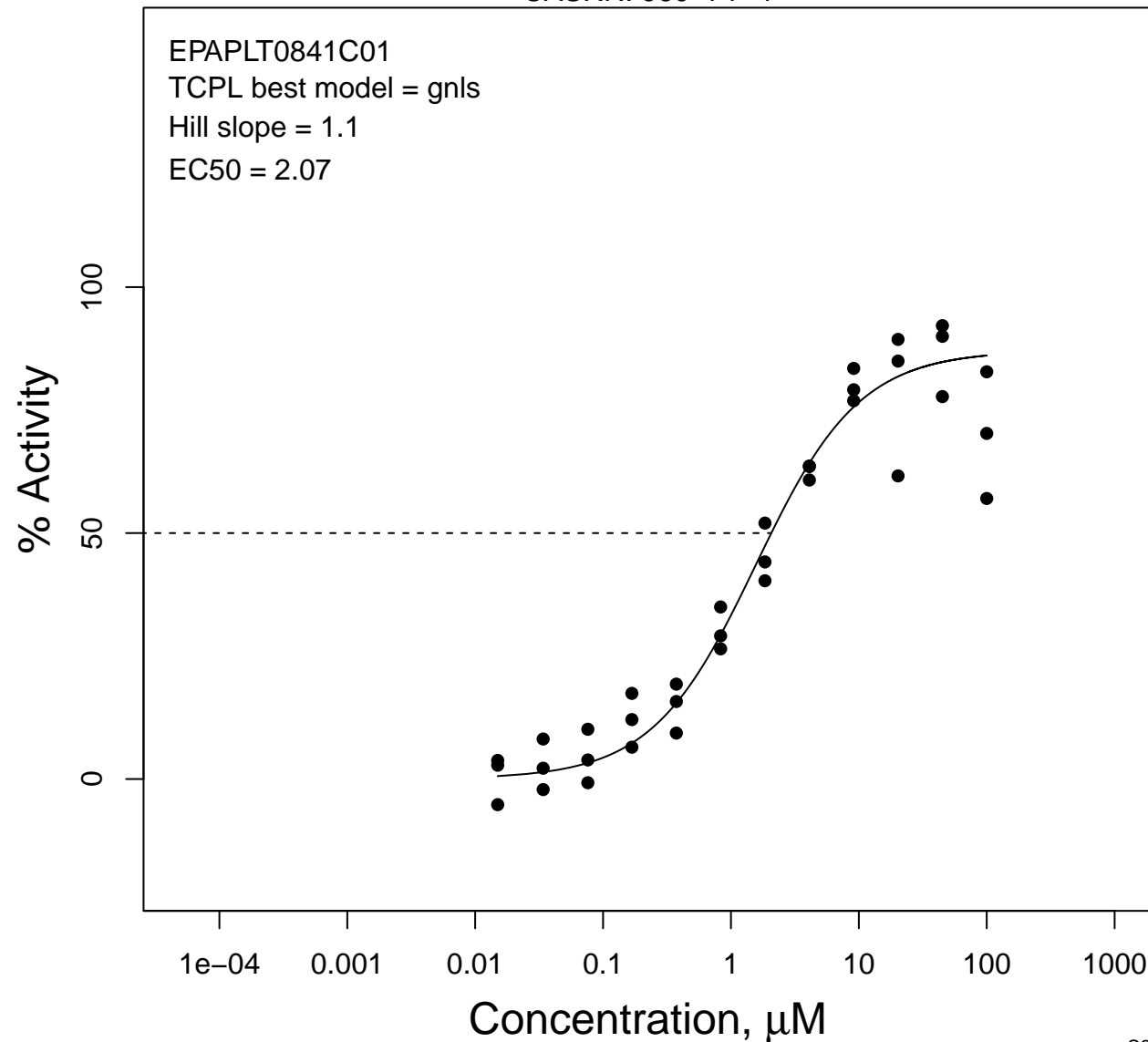
EC50 = 38.18



Triphenylborane

CASRN: 960-71-4

EPAPLT0841C01
TCPL best model = gnls
Hill slope = 1.1
EC50 = 2.07



Difenzoquat metilsulfate

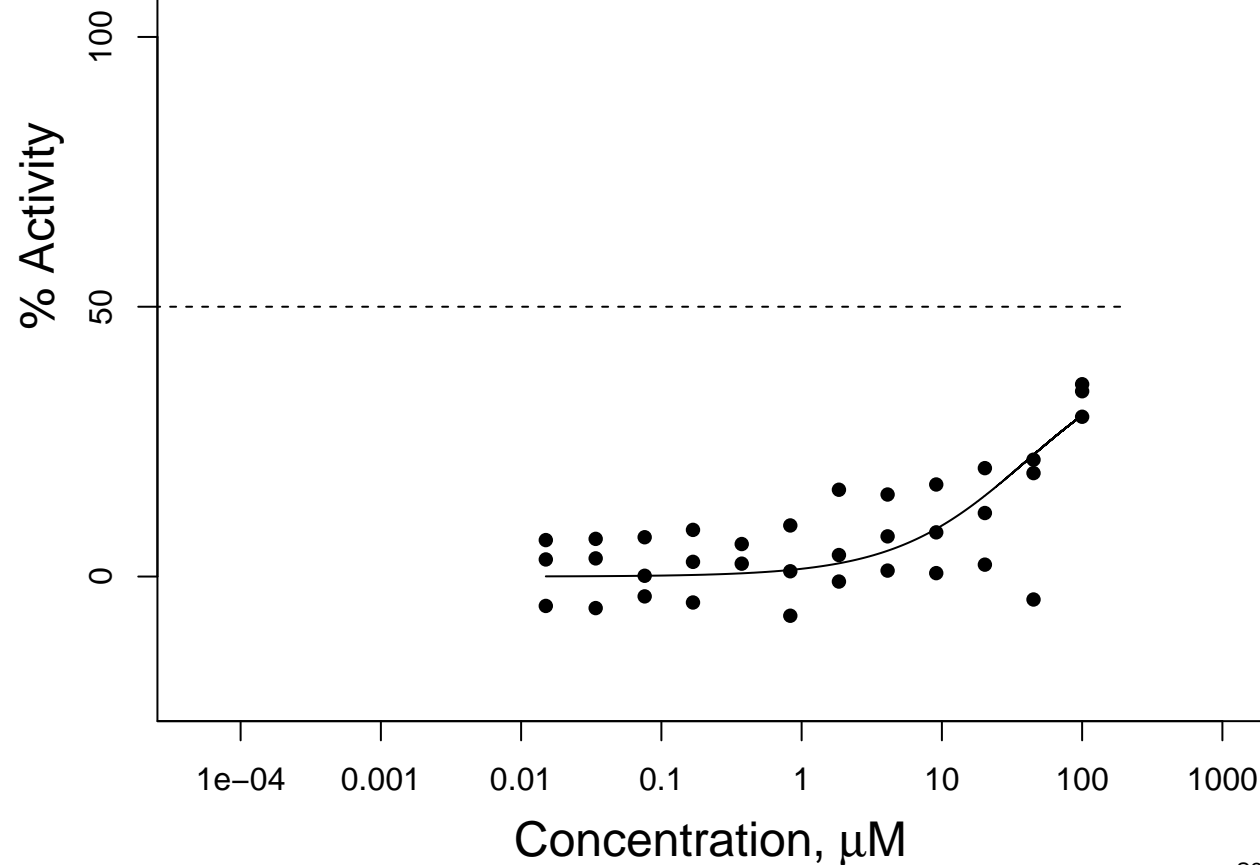
CASRN: 43222-48-6

EPAPLT0841C02

TCPL best model = hill

Hill slope = 0.9

EC50 = NA



Docusate sodium

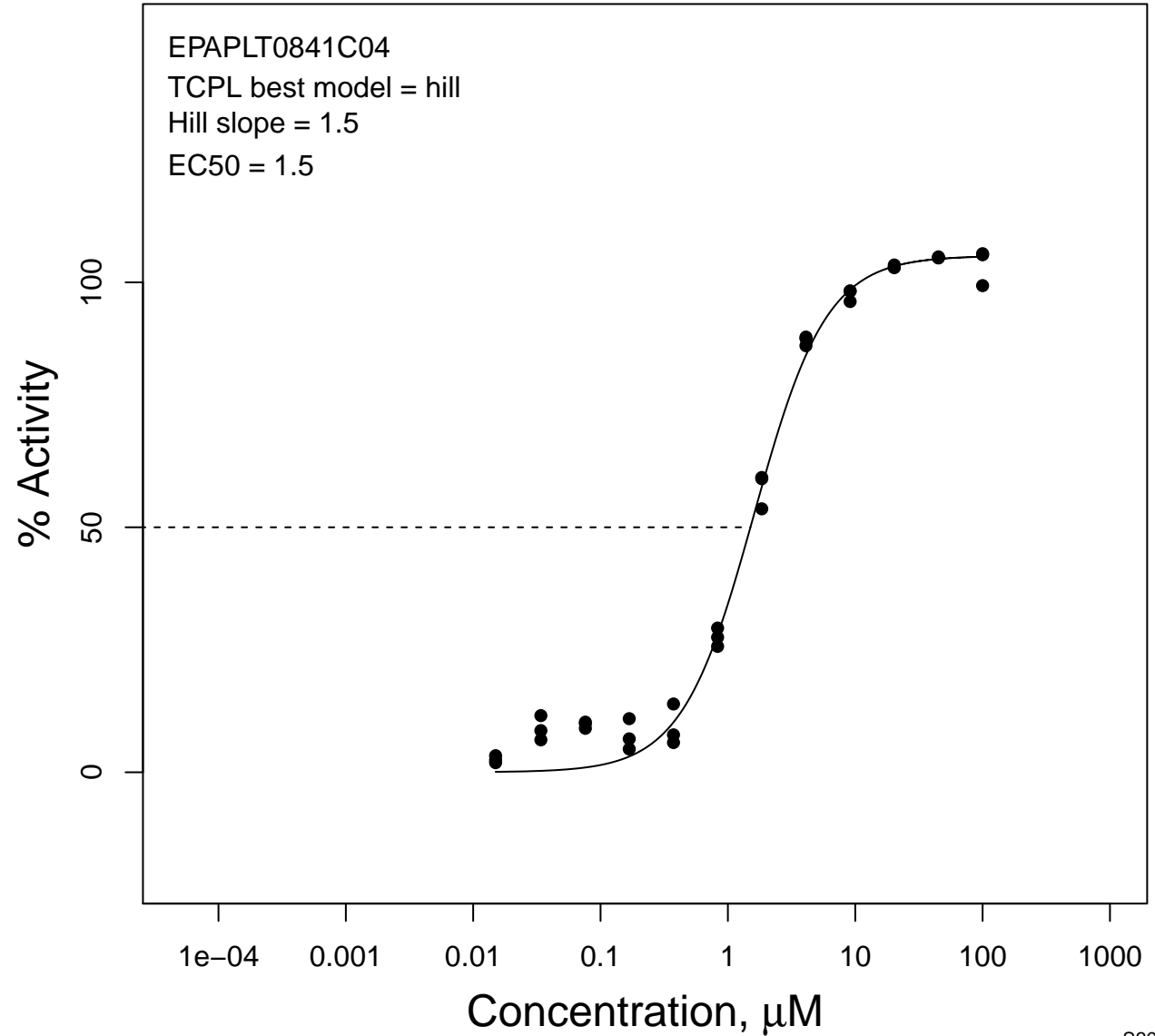
CASRN: 577-11-7

EPAPLT0841C04

TCPL best model = hill

Hill slope = 1.5

EC50 = 1.5



3,3',5,5'-Tetrabromobisphenol A

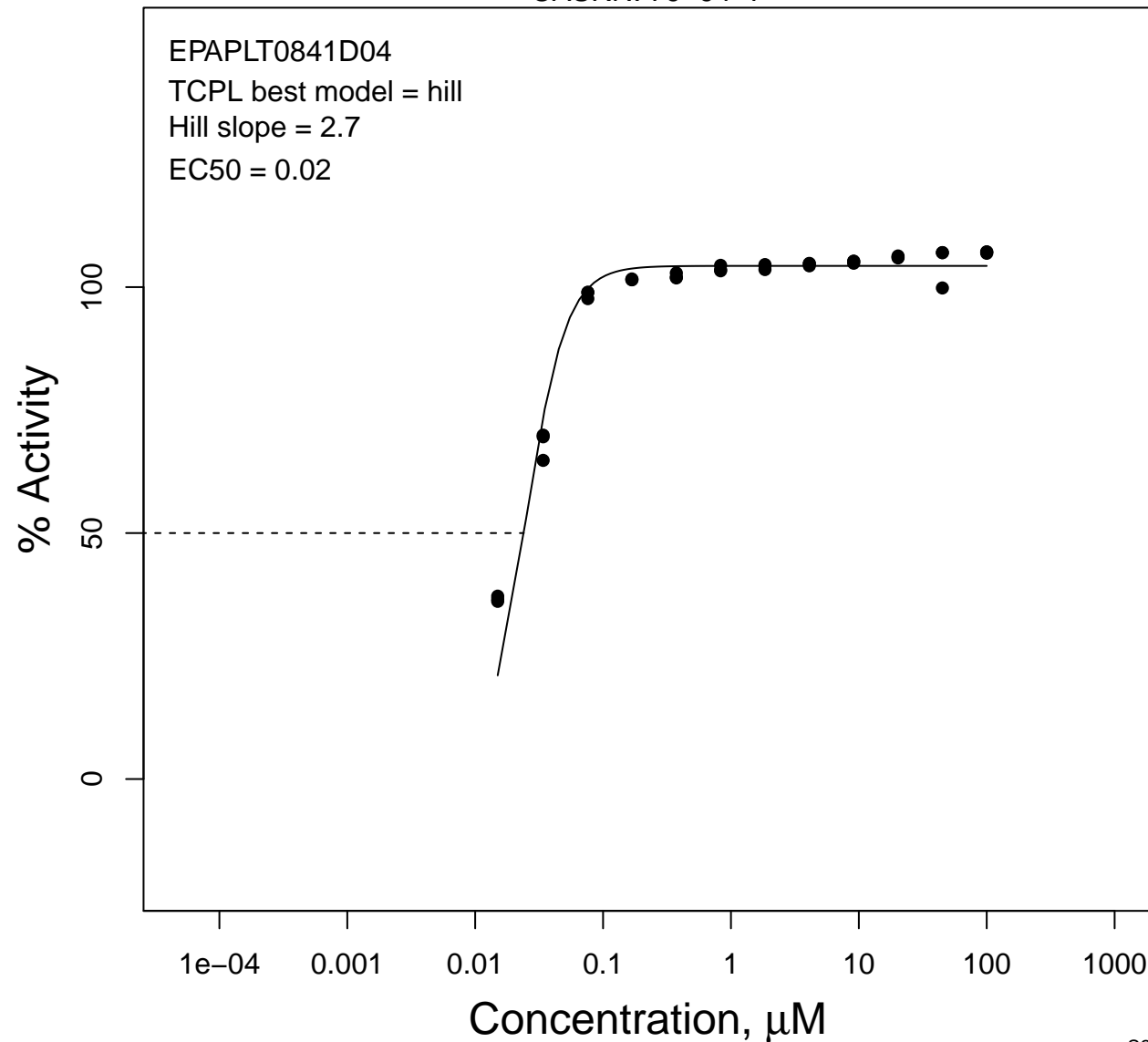
CASRN: 79-94-7

EPAPLT0841D04

TCPL best model = hill

Hill slope = 2.7

EC50 = 0.02



Clorophene

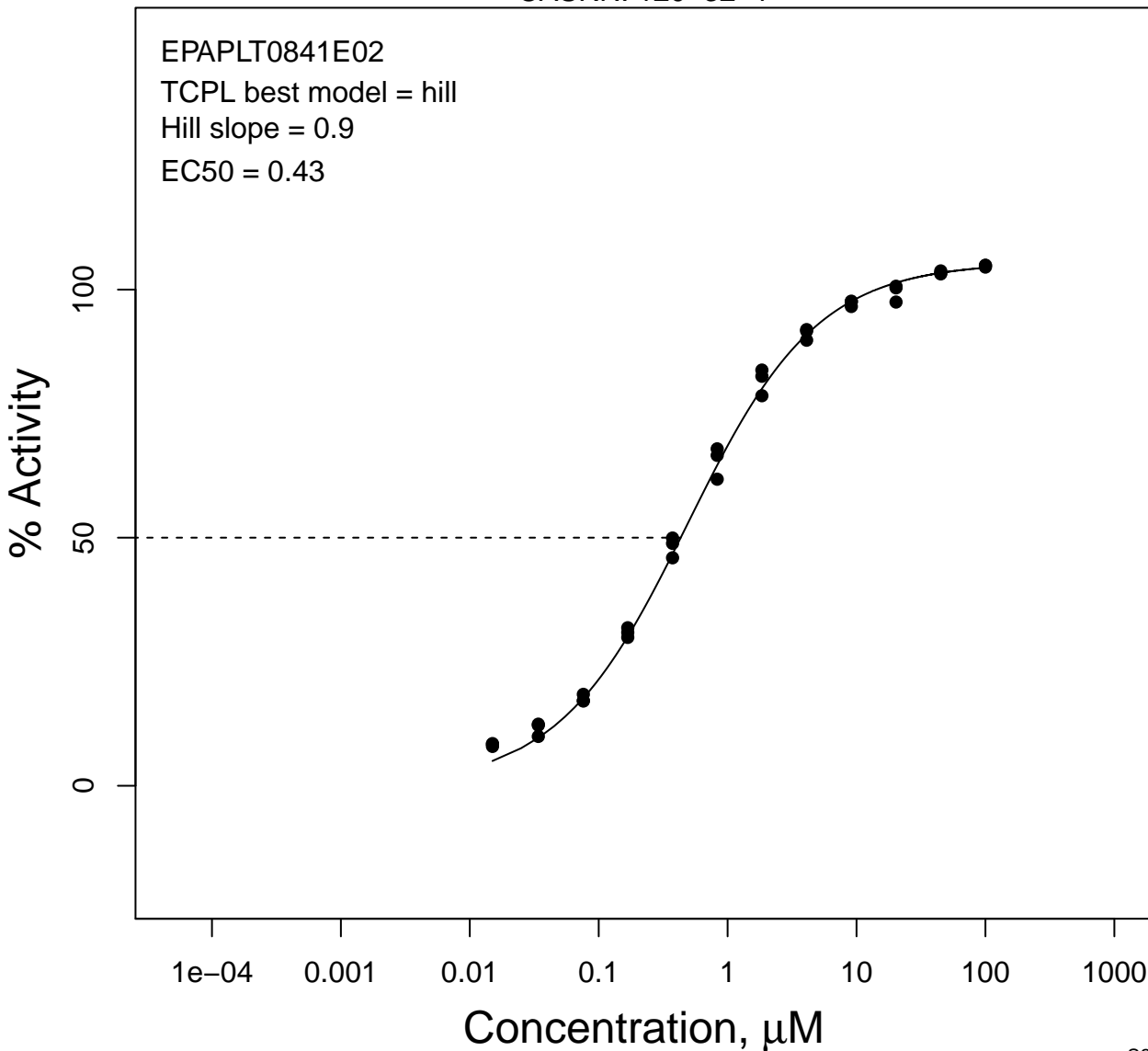
CASRN: 120-32-1

EPAPLT0841E02

TCPL best model = hill

Hill slope = 0.9

EC50 = 0.43



Vinclozolin

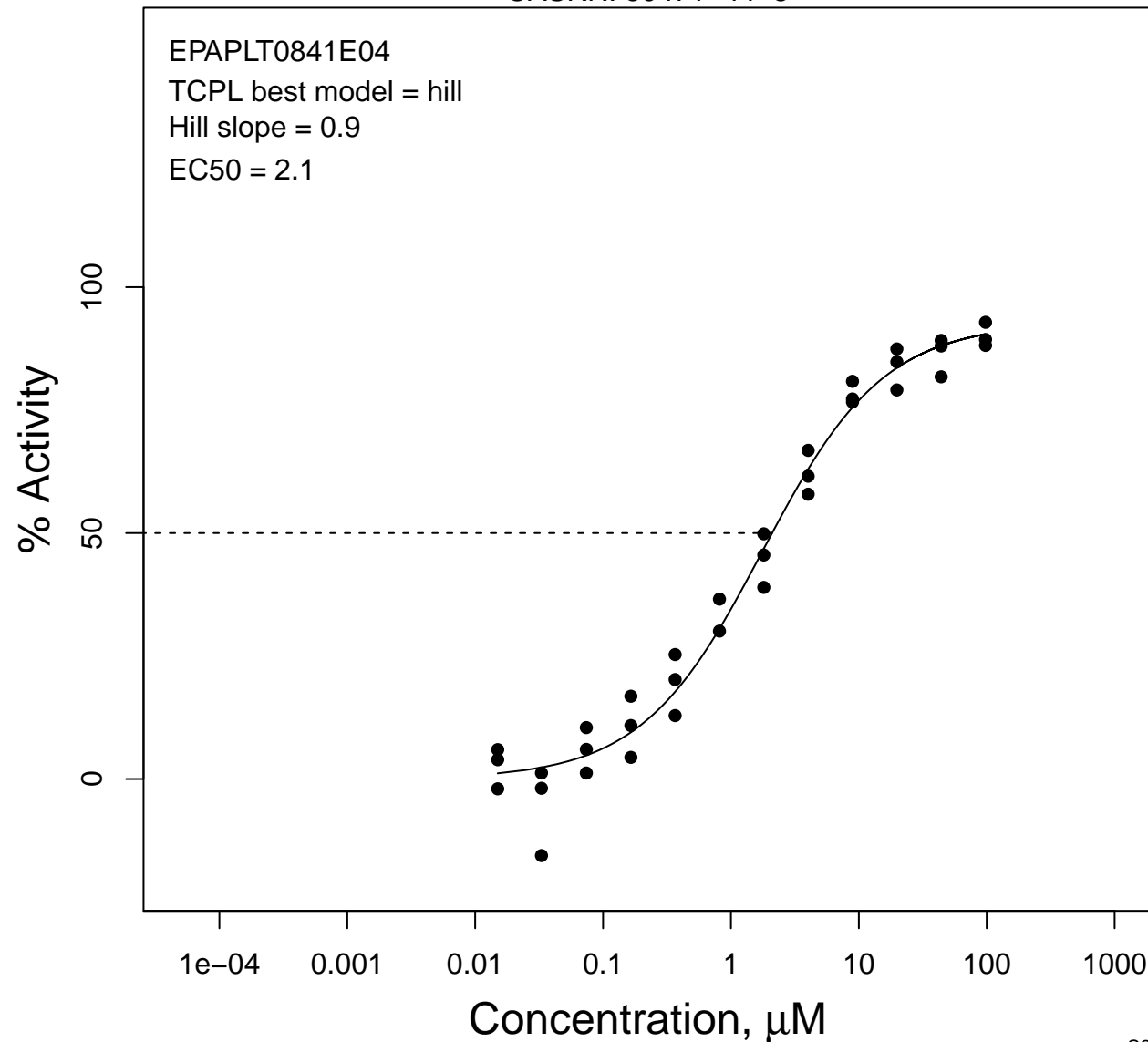
CASRN: 50471-44-8

EPAPLT0841E04

TCPL best model = hill

Hill slope = 0.9

EC50 = 2.1



Fenhexamid

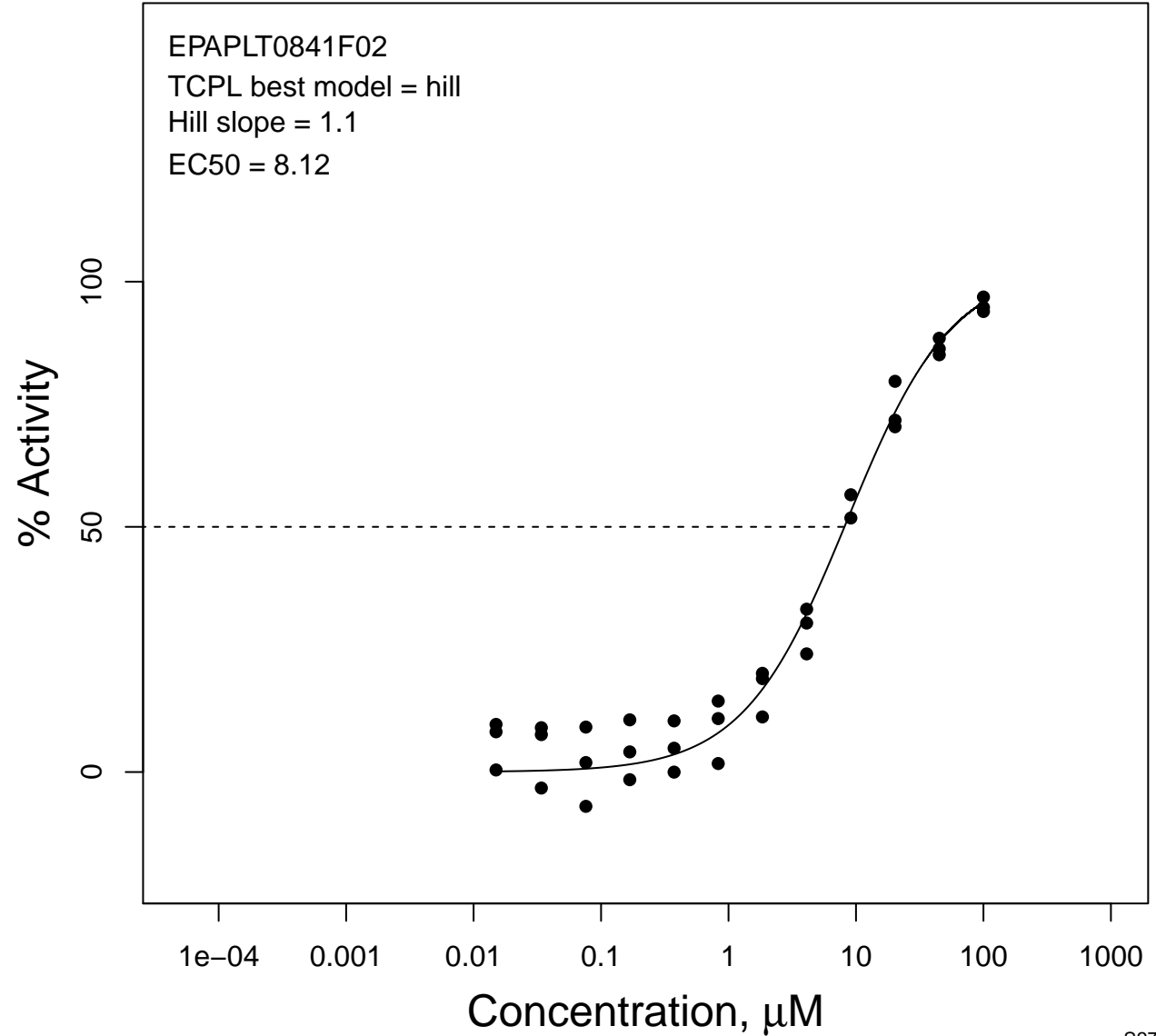
CASRN: 126833-17-8

EPAPLT0841F02

TCPL best model = hill

Hill slope = 1.1

EC50 = 8.12



Captan

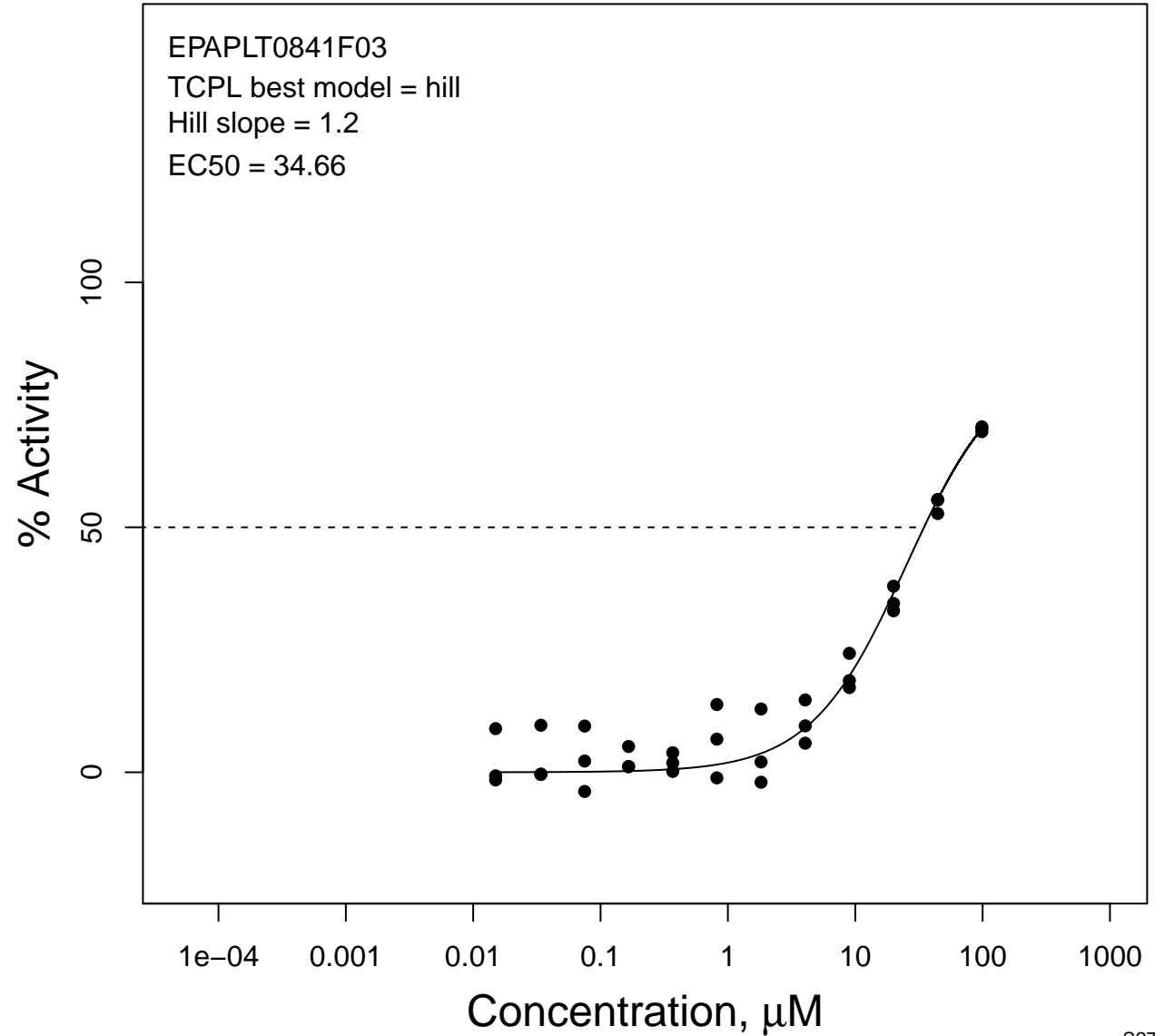
CASRN: 133-06-2

EPAPLT0841F03

TCPL best model = hill

Hill slope = 1.2

EC50 = 34.66



Tetrac

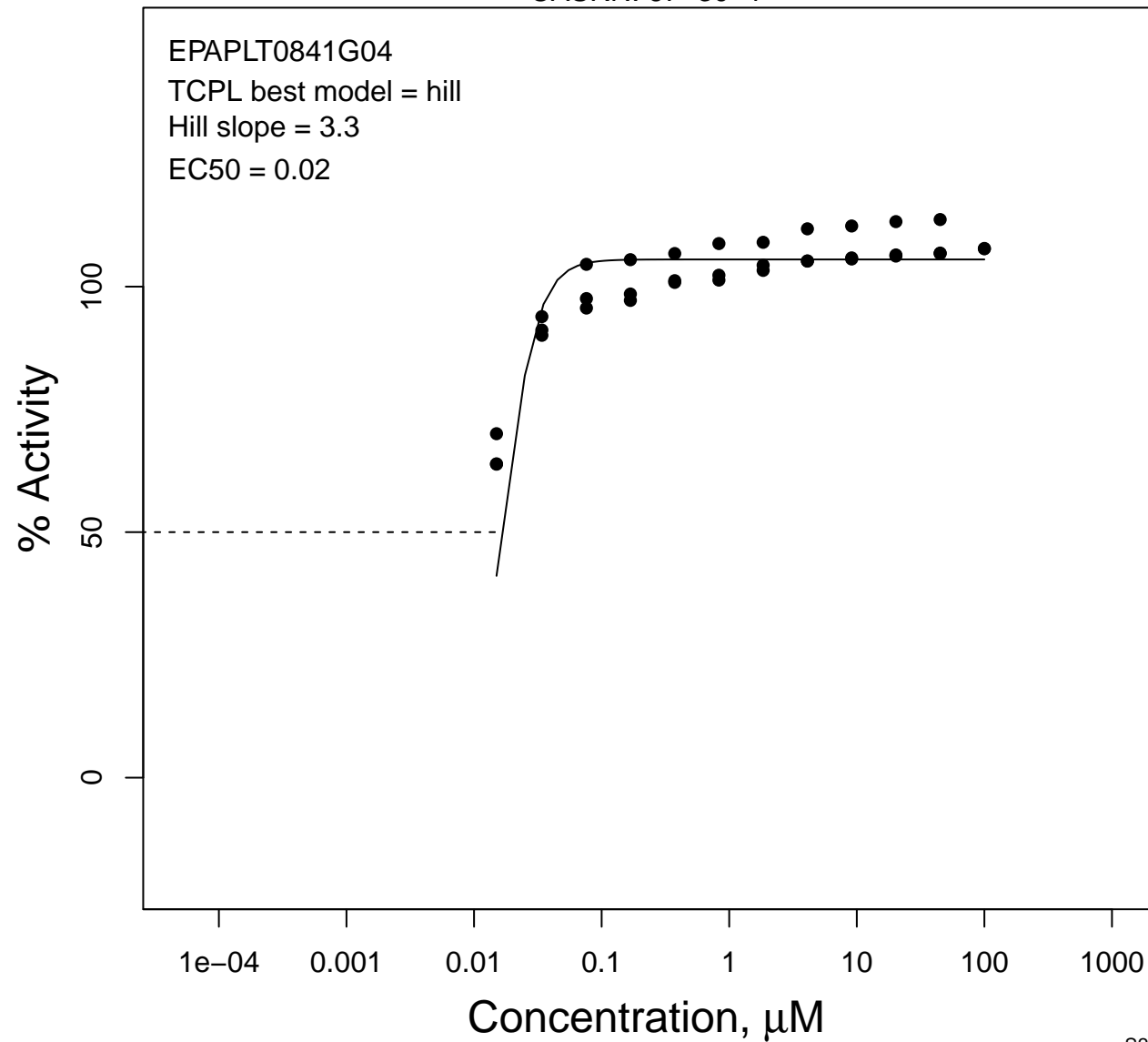
CASRN: 67-30-1

EPAPLT0841G04

TCPL best model = hill

Hill slope = 3.3

EC50 = 0.02



Oryzalin

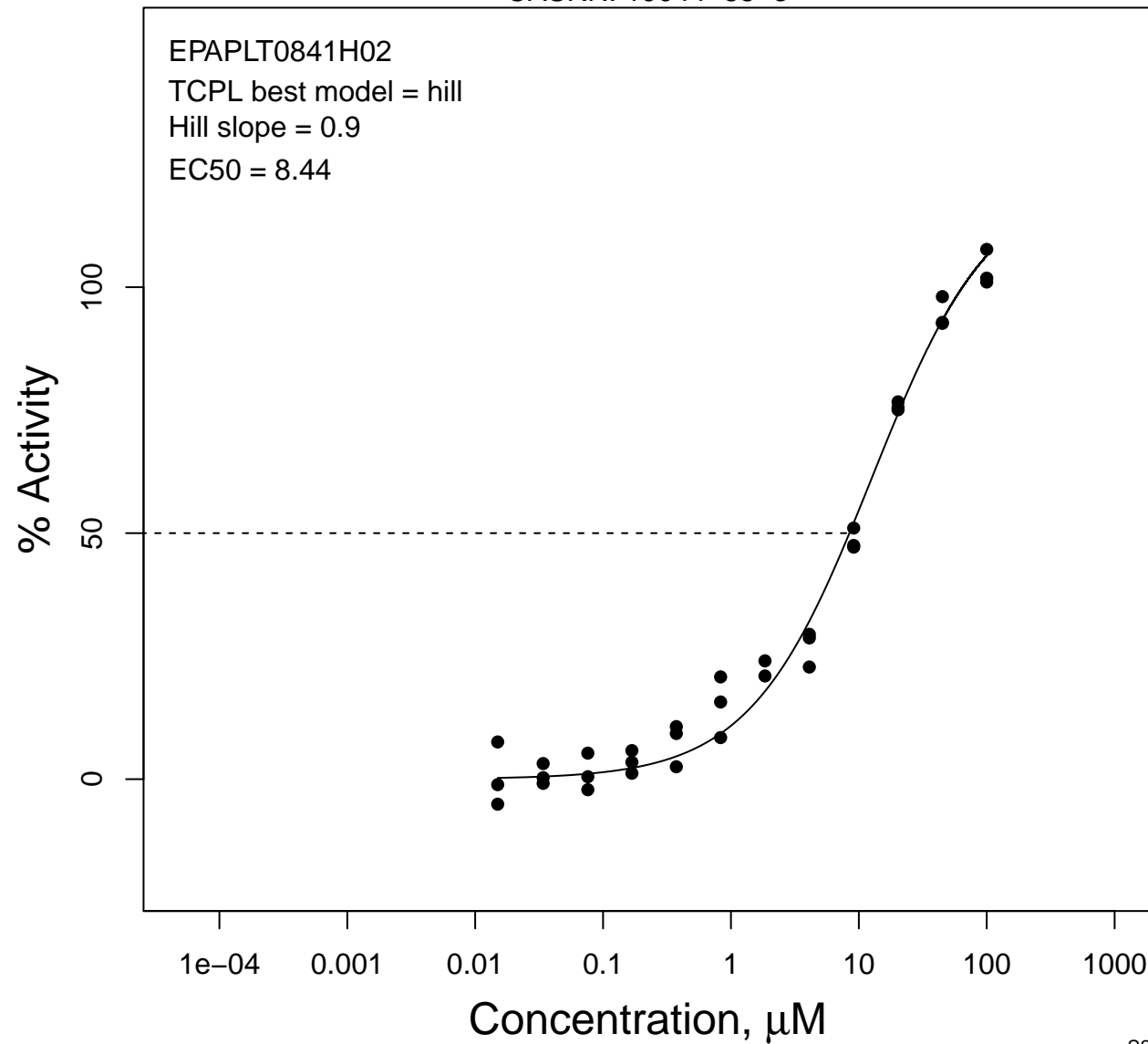
CASRN: 19044-88-3

EPAPLT0841H02

TCPL best model = hill

Hill slope = 0.9

EC50 = 8.44



2,4-Dichlorophenoxyacetic acid

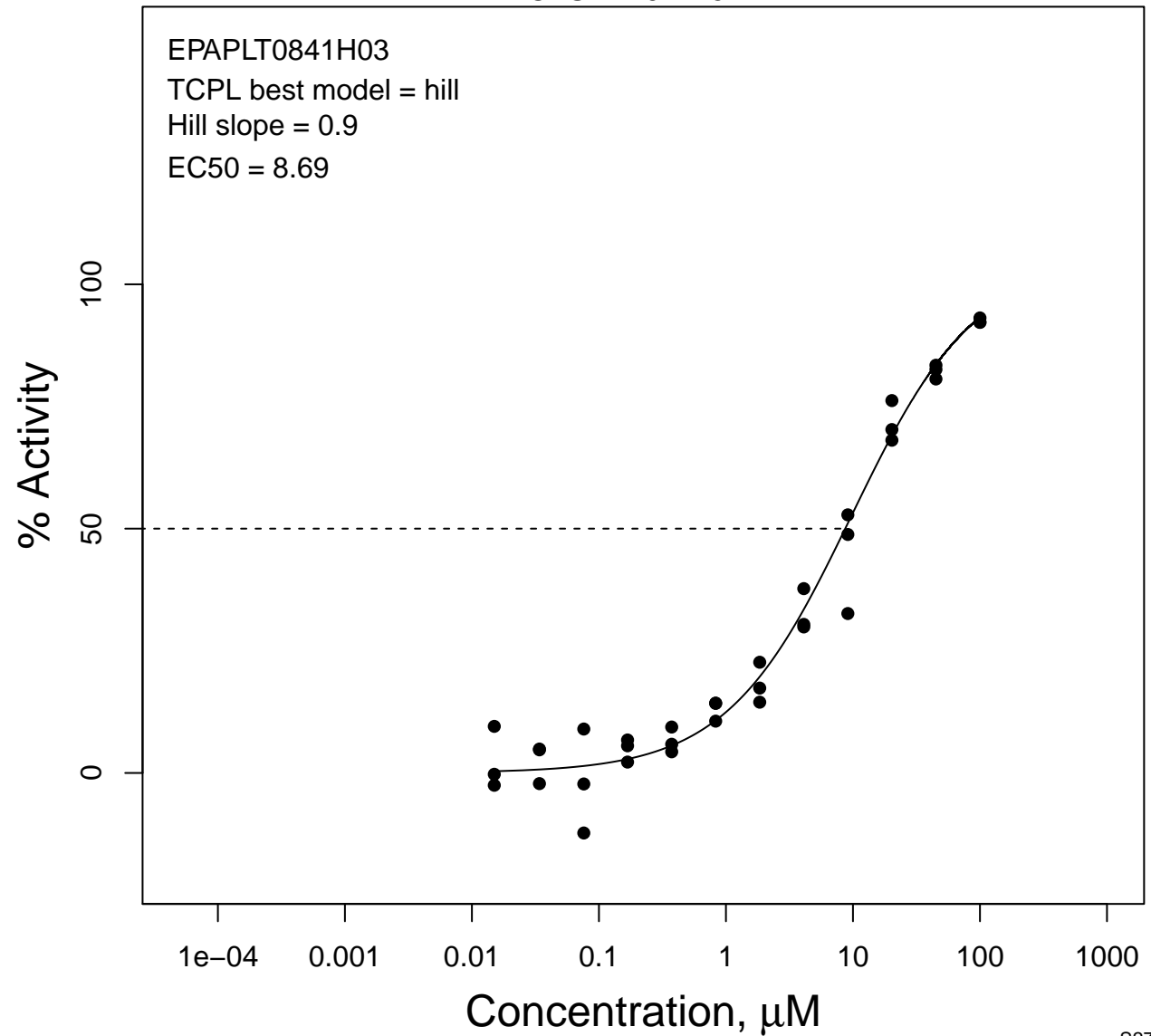
CASRN: 94-75-7

EPAPLT0841H03

TCPL best model = hill

Hill slope = 0.9

EC50 = 8.69



Profenofos

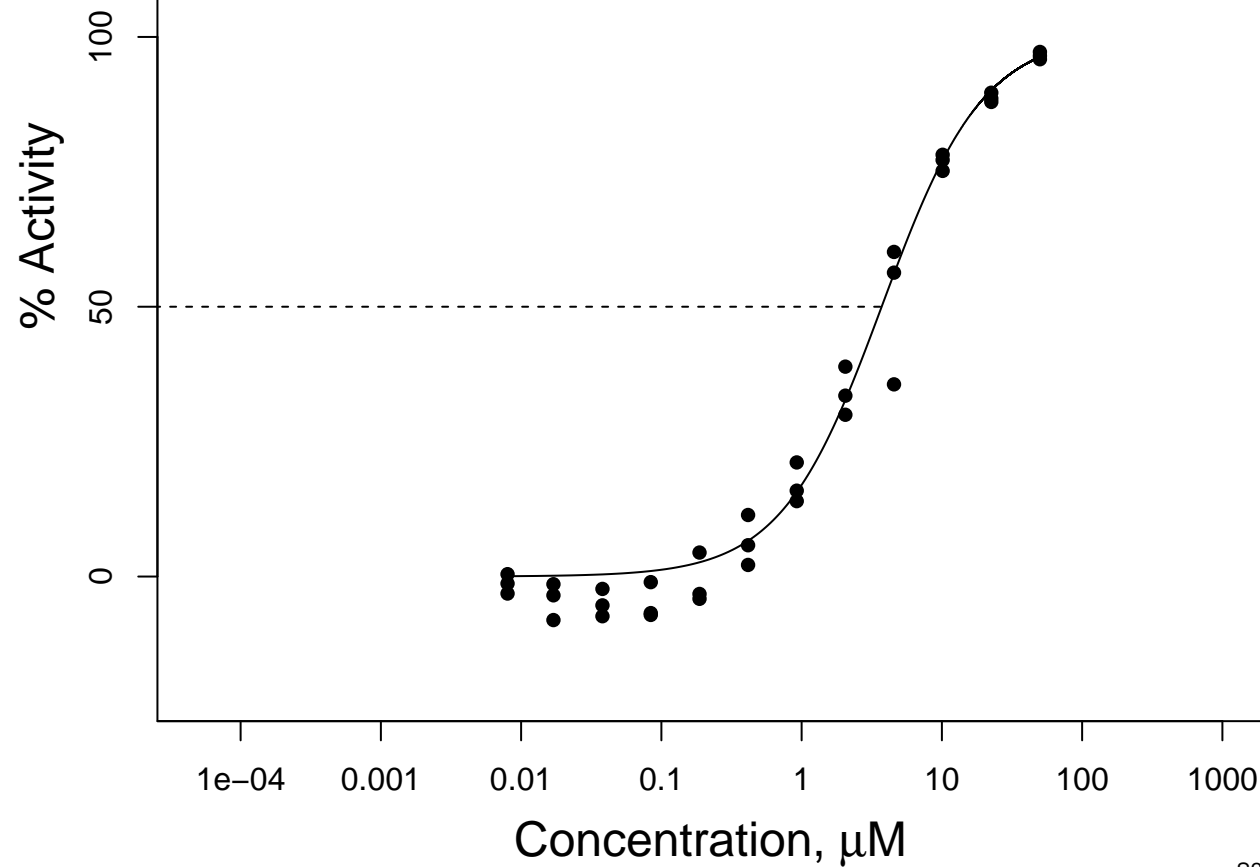
CASRN: 41198-08-7

EPAPLT0904A03

TCPL best model = hill

Hill slope = 1.2

EC50 = 3.72



Acifluorfen

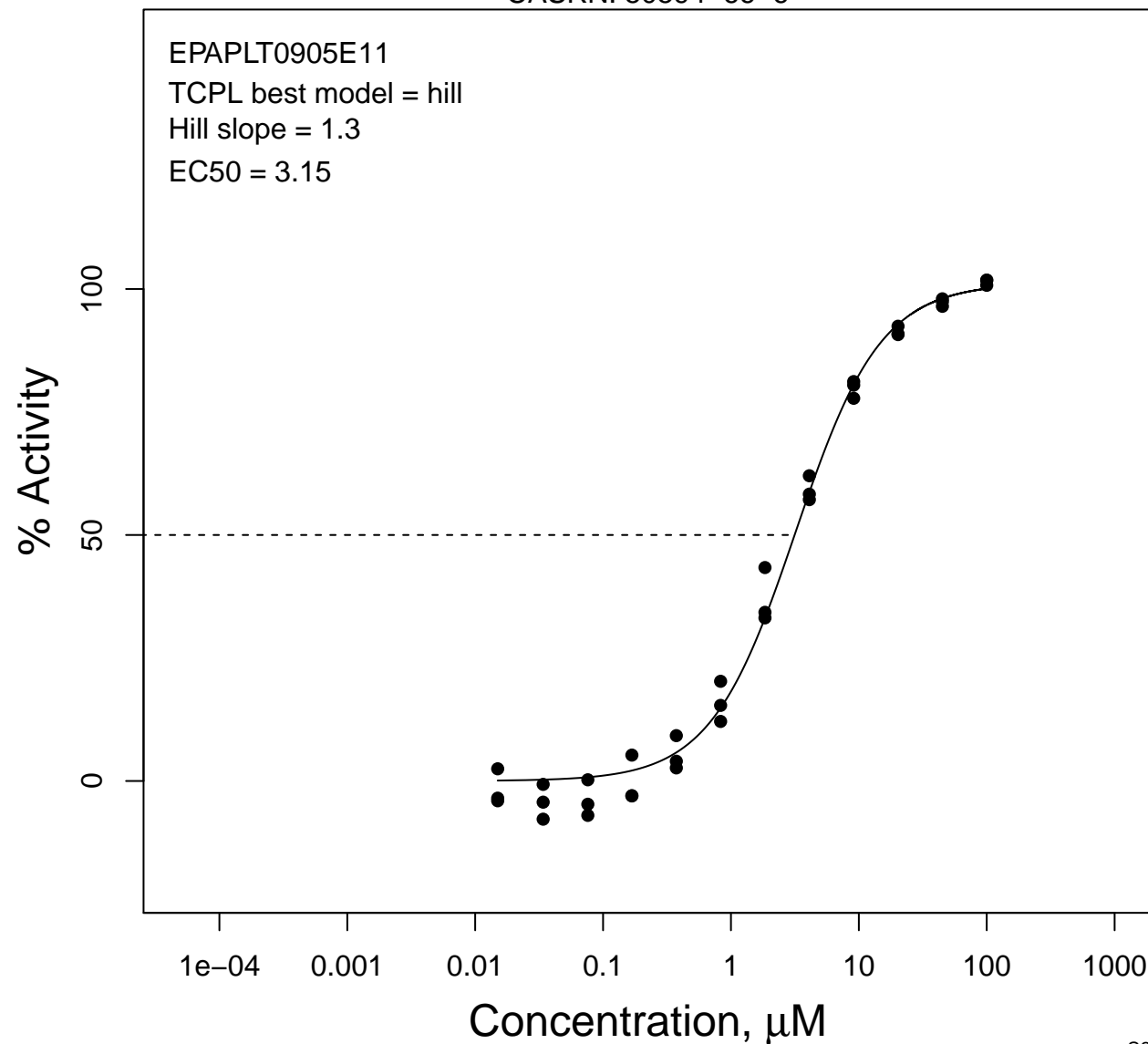
CASRN: 50594-66-6

EPAPLT0905E11

TCPL best model = hill

Hill slope = 1.3

EC50 = 3.15



2,4-Dichlorophenoxybutyric acid

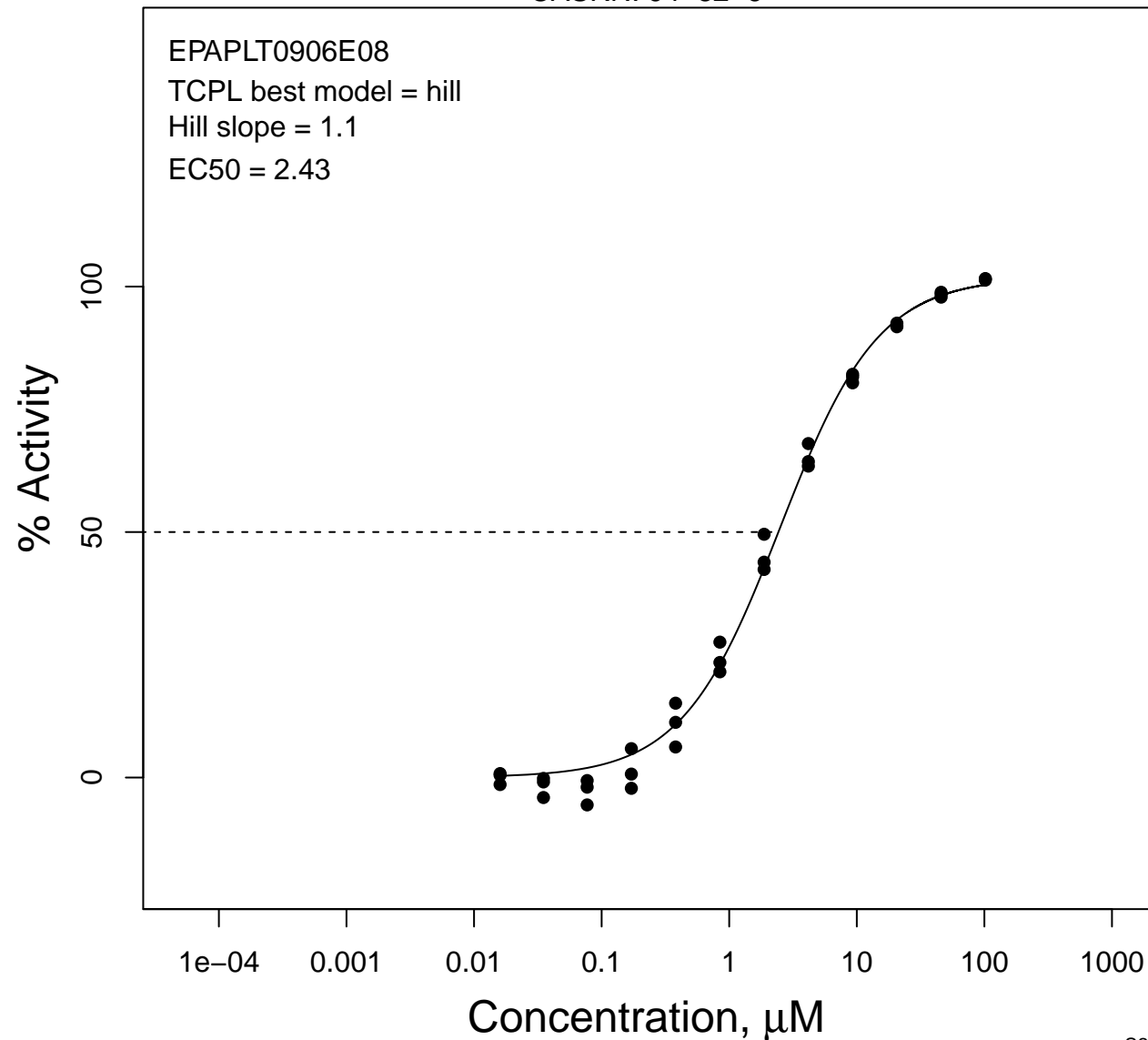
CASRN: 94-82-6

EPAPLT0906E08

TCPL best model = hill

Hill slope = 1.1

EC50 = 2.43



[4-Chloro-6-(2,3-xylidino)-2-pyrimidinylthio]acetic acid

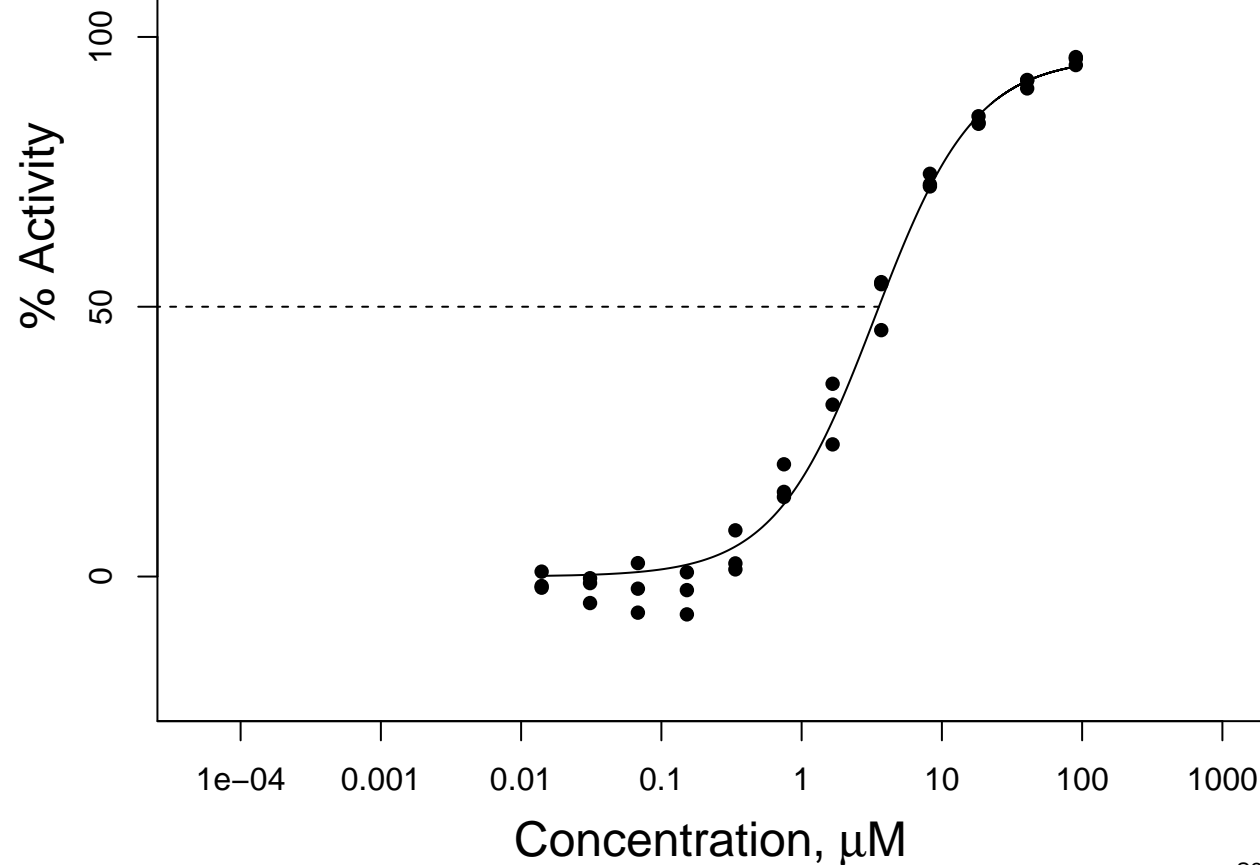
CASRN: 50892-23-4

EPAPLT0909B06

TCPL best model = hill

Hill slope = 1.2

EC50 = 3.56



Fomesafen

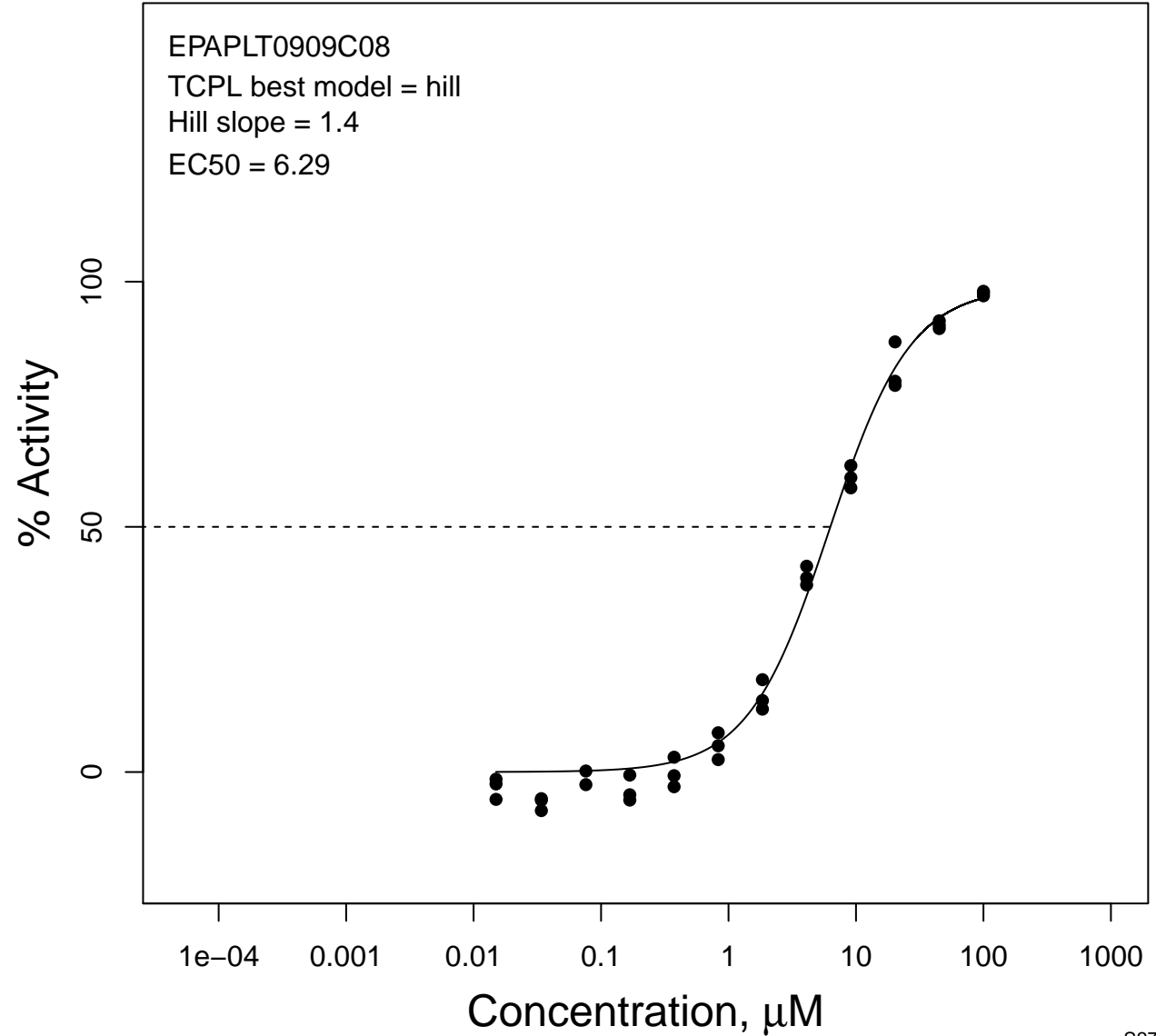
CASRN: 72178-02-0

EPAPLT0909C08

TCPL best model = hill

Hill slope = 1.4

EC50 = 6.29



Troglitazone

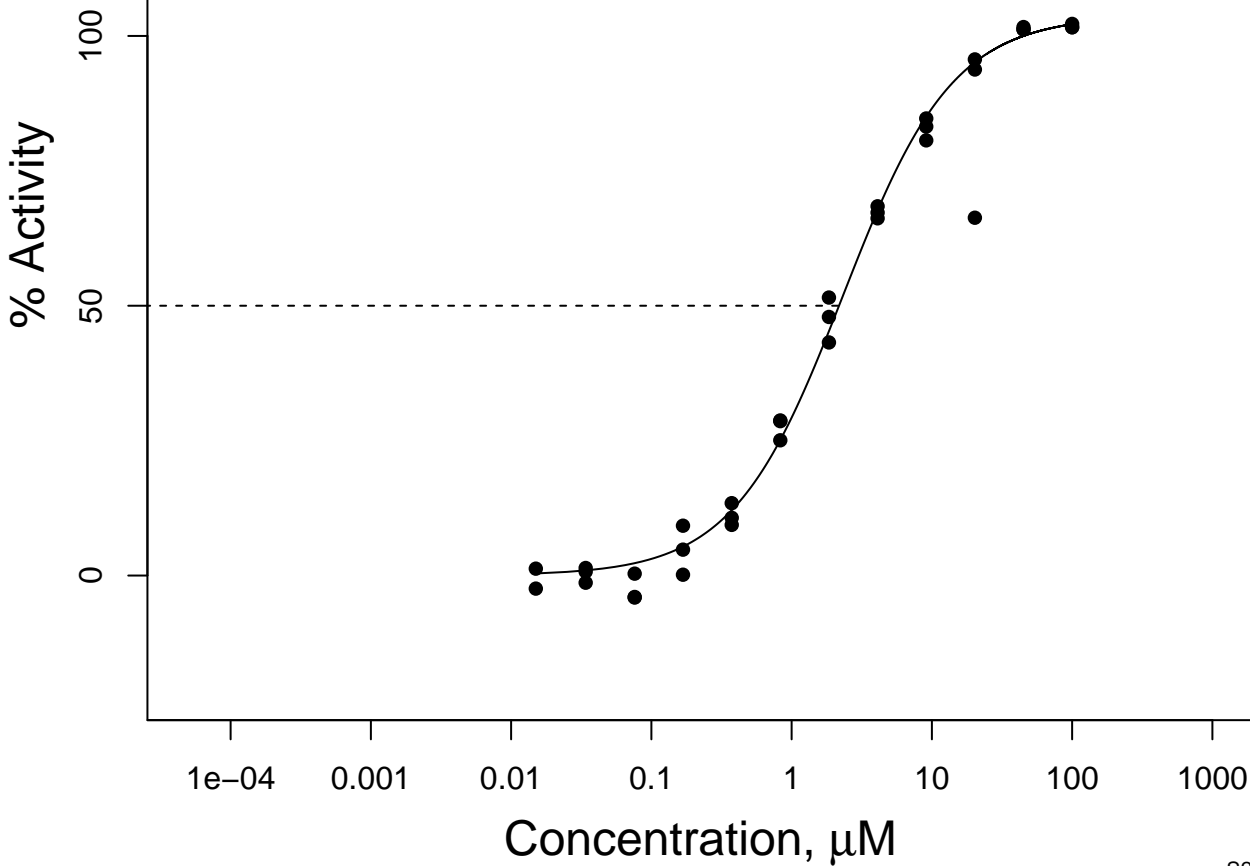
CASRN: 97322-87-7

EPAPLT0913C03

TCPL best model = hill

Hill slope = 1.1

EC50 = 2.18



Anthralin

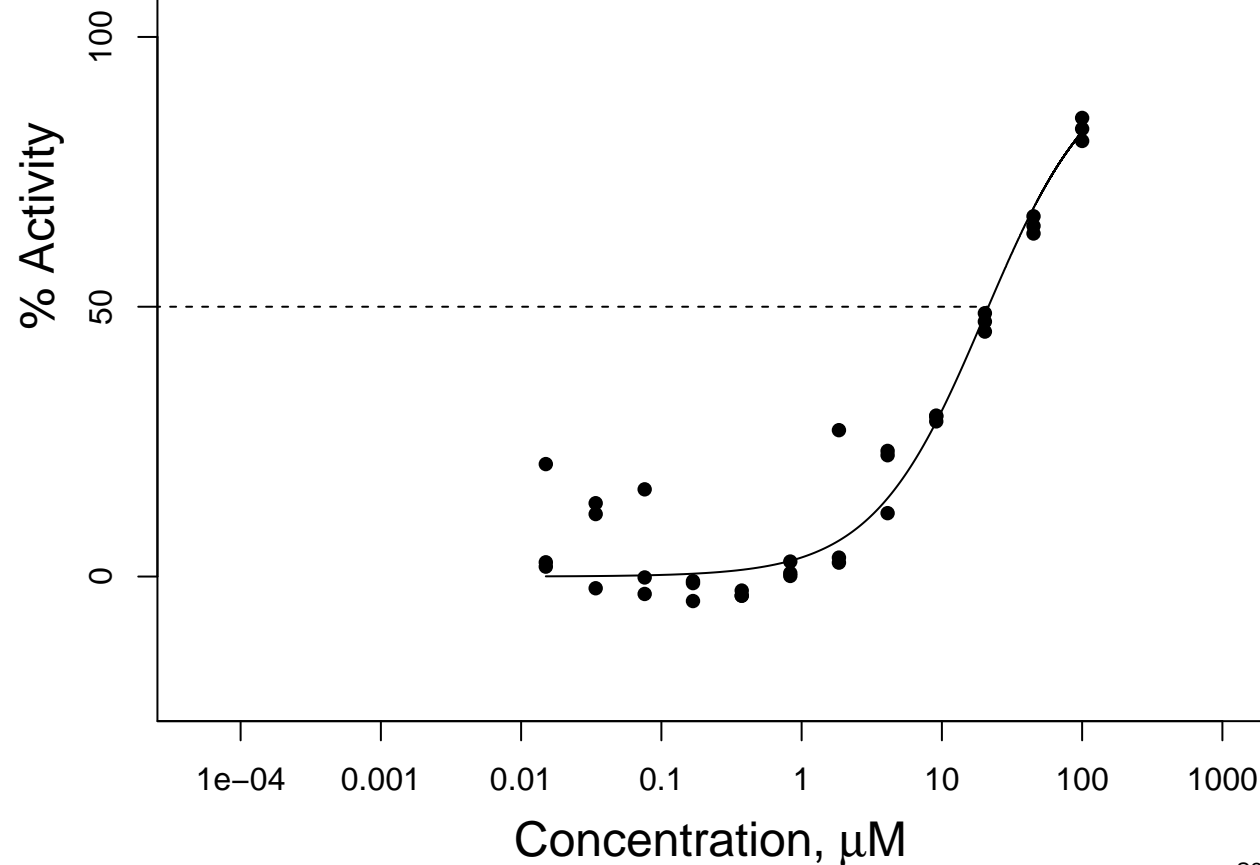
CASRN: 1143-38-0

EPAPLT0913C12

TCPL best model = hill

Hill slope = 1.1

EC50 = 21.44



meso-Hexestrol

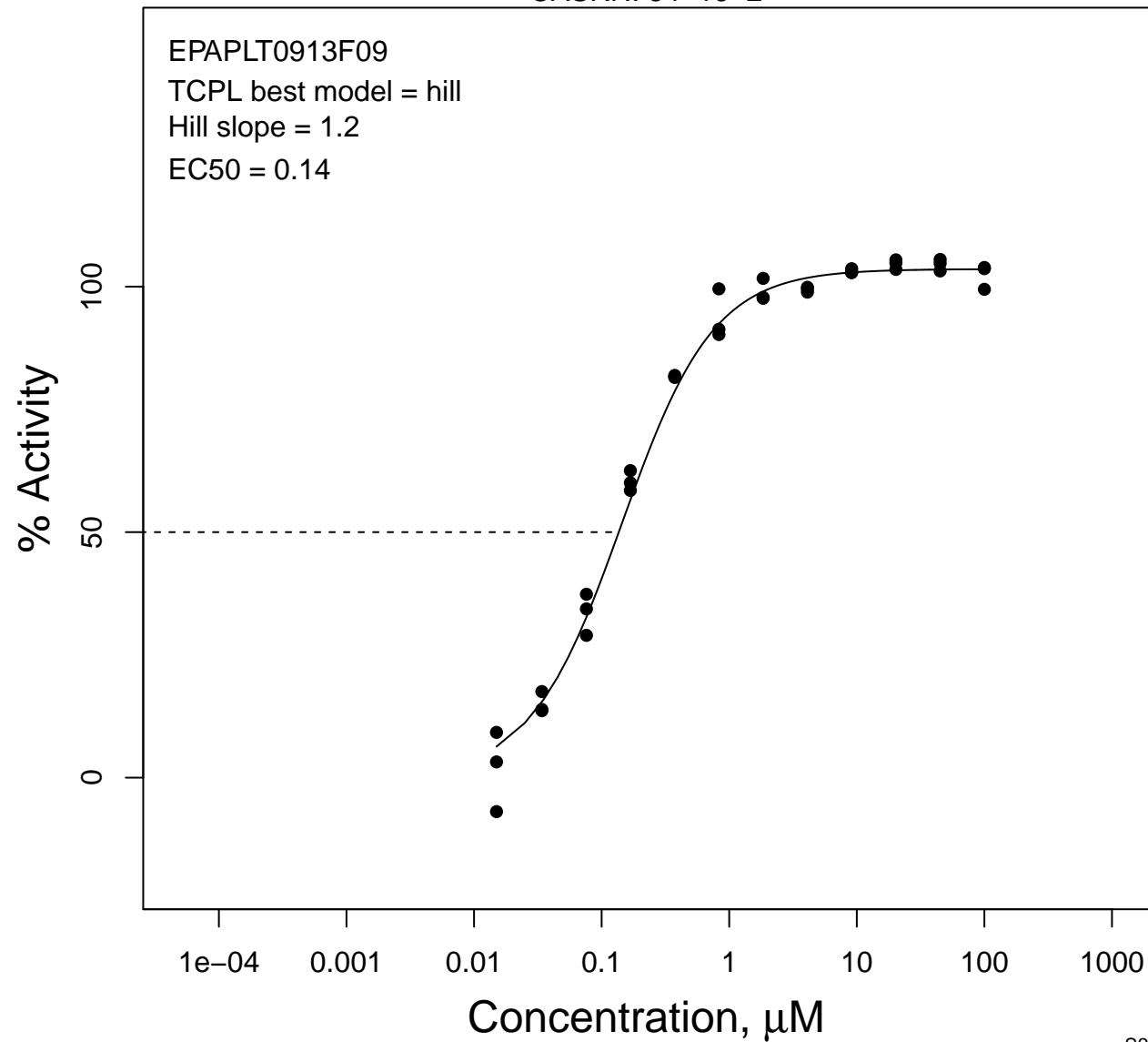
CASRN: 84-16-2

EPAPLT0913F09

TCPL best model = hill

Hill slope = 1.2

EC50 = 0.14



4-Phenylphenol

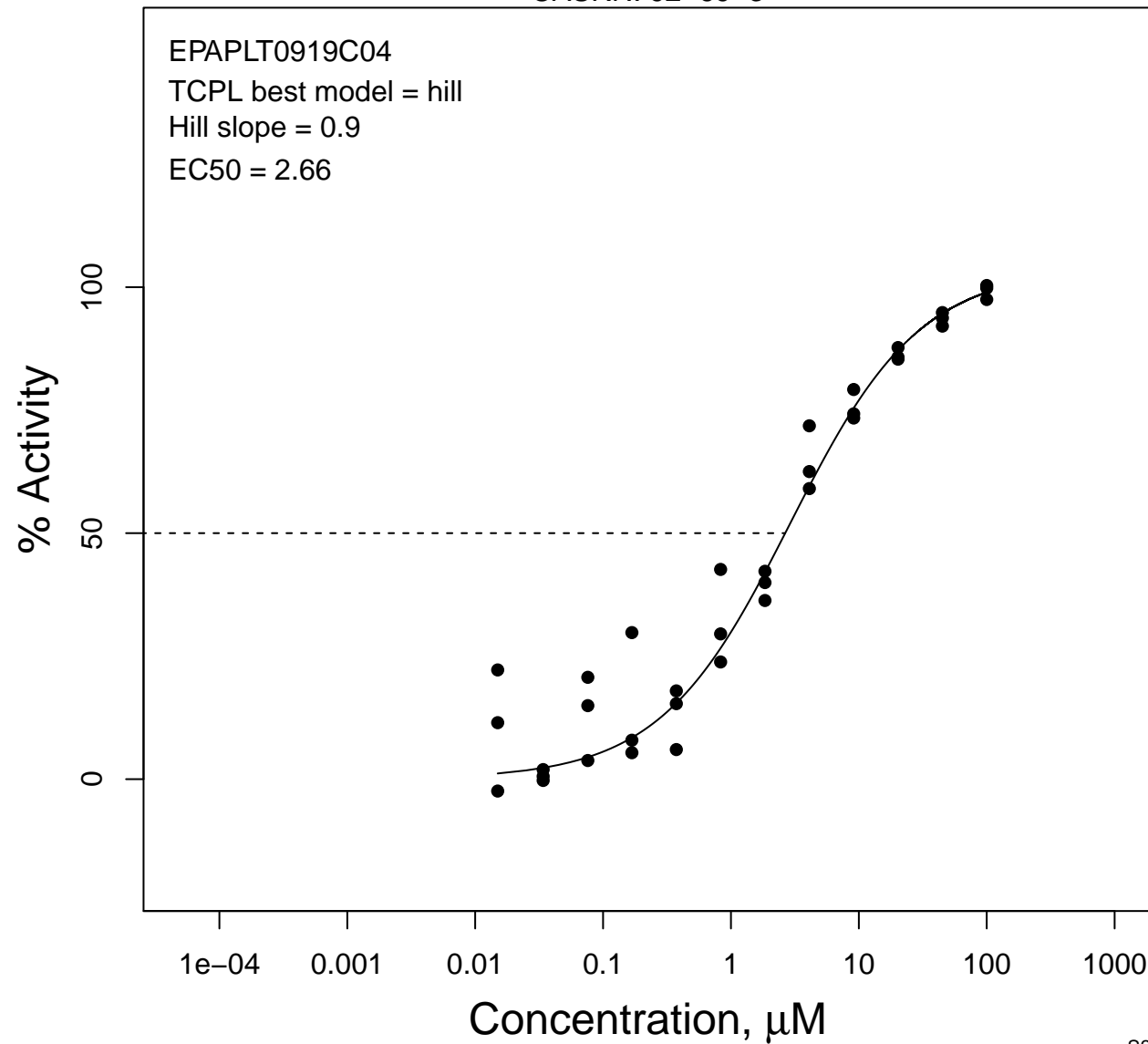
CASRN: 92-69-3

EPAPLT0919C04

TCPL best model = hill

Hill slope = 0.9

EC50 = 2.66



4-Hexylaniline

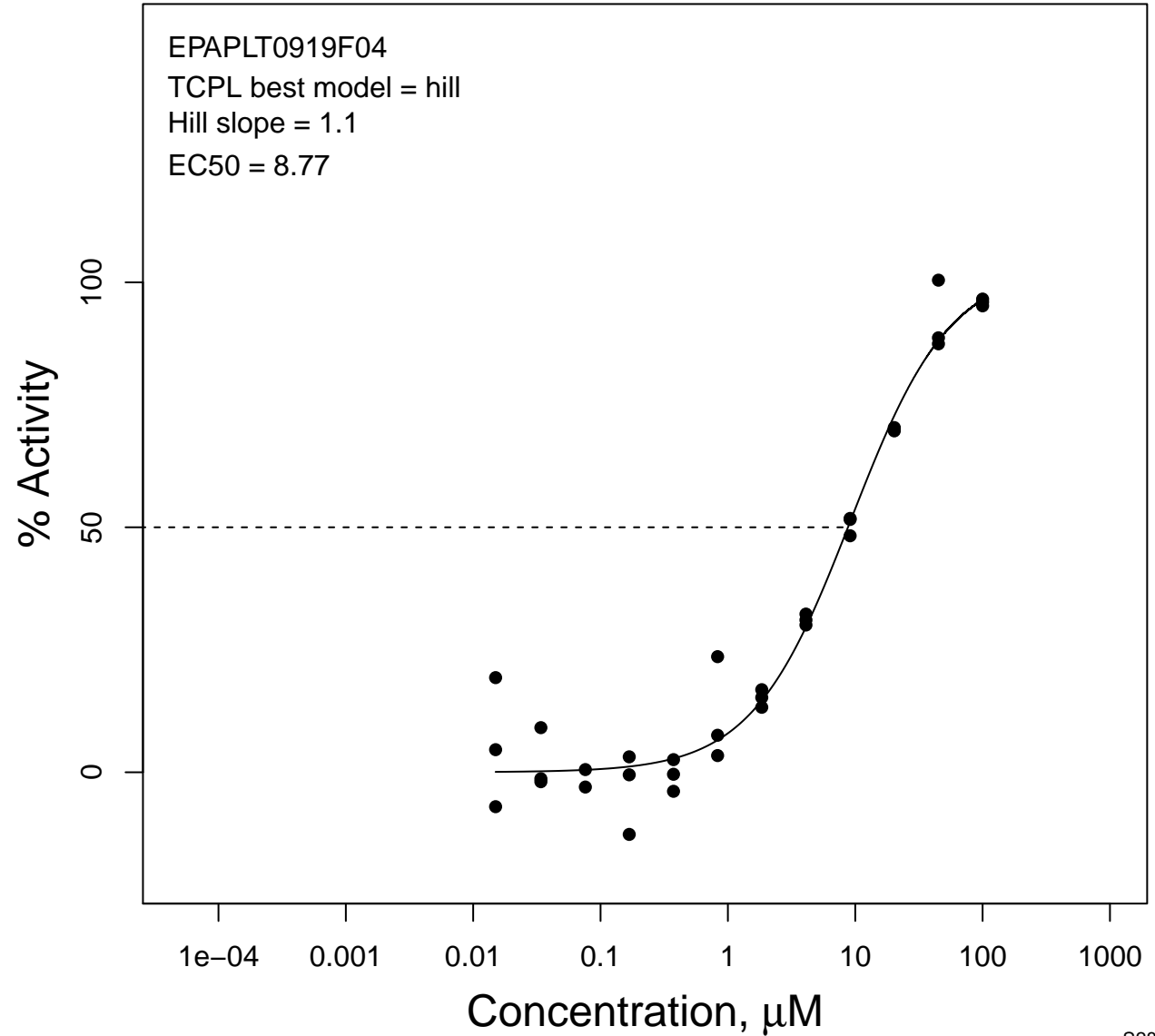
CASRN: 33228-45-4

EPAPLT0919F04

TCPL best model = hill

Hill slope = 1.1

EC50 = 8.77



Thitrol

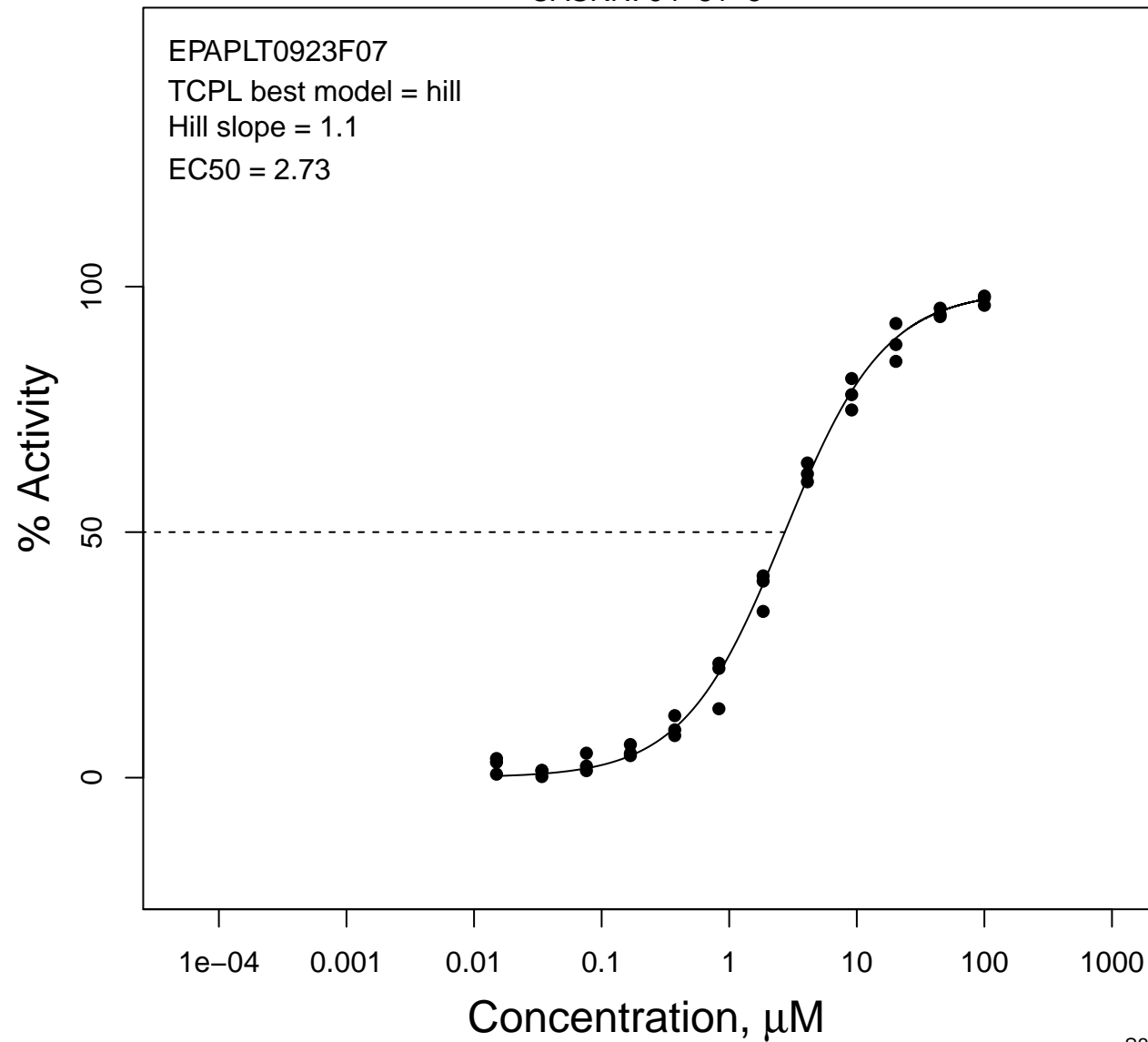
CASRN: 94-81-5

EPAPLT0923F07

TCPL best model = hill

Hill slope = 1.1

EC50 = 2.73



Oleyl sarcosine

CASRN: 110-25-8

EPAPLT0923H08

TCPL best model = hill

Hill slope = 1.7

EC50 = 3.83

