

## Developmental Neurotoxicity Screening Assay Chemical List

Phase 2 (2023) – 108 chemicals

CASRN	DTXSID	Chemical Name	Category
50-81-7	DTXSID5020106	L-Ascorbic acid	Neg Control
81-81-2	DTXSID5023742	Warfarin	Neg Control
34552-83-5	DTXSID00880006	Loperamide hydrochloride	Neg Control
73590-58-6	DTXSID6021080	Omeprazole	Neg Control
14611-52-0	DTXSID9044584	Selegiline hydrochloride	Neg Control
103-90-2	DTXSID2020006	Acetaminophen (4-hydroxyacetanilide) (paracetamol)	Neg Control
62571-86-2	DTXSID1037197	Captopril	Neg Control
69-65-8	DTXSID1023235	D-Mannitol	Neg Control
486-56-6	DTXSID1047576	Cotinine	Neg Control
132-98-9	DTXSID7021102	Penicillin VK	Neg Control
69-53-4	DTXSID4022602	Ampicillin	Neg Control
114-07-8	DTXSID4022991	Erythromycin	Neg Control
127-69-5	DTXSID6021292	Sulfisoxazole	Neg Control
108-95-2	DTXSID5021124	Phenol	Neg Control
1772-03-8	DTXSID4031356	Galactosamine hydrochloride	Neg Control
133-90-4	DTXSID2020262	Chloramben	Neg Control
111-46-6	DTXSID8020462	Diethylene glycol	Neg Control
54-11-5	DTXSID1020930	Nicotine	Pos Control
75365-73-0	DTXSID001044510	Paraquat dichloride hydrate	Pos Control
120983-64-4	DTXSID3044338	Prothioconazole-desthio	Pos Control
365400-11-9	DTXSID2044343	Pyrasulfotole (AE 0317309)	Pos Control
92456-72-9	DTXSID301019166	Cassava ( <i>Manihot esculenta</i> ) leaf extract	Botanical
84929-39-5	DTXSID201042091	oleander ( <i>Nerium oleander</i> L)	Botanical
554-35-8	DTXSID8052857	Linamarin	Botanical, component
1244-58-2	DTXSID80154318	Cannabidiolic acid	Cannabinoid
24274-48-4	DTXSID801019159	Cannabidivarin	Cannabinoid
25654-31-3	DTXSID701014168	Cannabigerol	Cannabinoid
25555-57-1	DTXSID401315426	Cannabigerolic acid	Cannabinoid
521-35-7	DTXSID3048996	cannabinol	Cannabinoid
13956-29-1	DTXSID00871959	Cannabidiol	Cannabinoid
20675-51-8	DTXSID80942873	Cannabichromene	Cannabinoid
185505-15-1	DTXSID301336859	(+,-) Cannabichromenic acid	Cannabinoid
5957-75-5	DTXSID20878586	$\Delta$ 8-tetrahydrocannabinol	Cannabinoid
1972-08-3	DTXSID6021327	$\Delta$ 9-tetrahydrocannabinol	Cannabinoid
31262-37-0	DTXSID10893920	Tetrahydrocannabivarin	Cannabinoid
23978-85-0	DTXSID30178701	Tetrahydrocannabinolic acid-A	Cannabinoid
95543-62-7	DTXSID401038856	(9R) $\Delta$ 10-tetrahydrocannabinol	Cannabinoid

CASRN	DTXSID	Chemical Name	Category
58-08-2	DTXSID0020232	Caffeine	Drug
7681-49-4	DTXSID2020630	Sodium fluoride	Drug
134678-17-4	DTXSID7023194	Lamivudine	Drug
58-55-9	DTXSID5021336	Theophylline	Drug
33419-42-0	DTXSID5023035	Etoposide	Drug
7220-79-3	DTXSID0025600	Methylene blue trihydrate	Drug
532-32-1	DTXSID1020140	Sodium benzoate	Drug, Food Additive
5897-16-5	DTXSID70207706	Calcium cyclamate dihydrate	Food Additive
94-49-5	DTXSID60877972	Ethylene dibenzoate	Food Additive
80863-62-3	DTXSID3043780	Alitame	Food Additive
82385-42-0	DTXSID7021992	Sodium Saccharin hydrate	Food Additive
25956-17-6	DTXSID4024436	Allura Red C.I. 16035 (FD&C Red No. 40)	Food dye
1934-21-0	DTXSID1021455	FD&C Yellow No. 5 (Tartrazine)	Food dye
16423-68-0	DTXSID7021233	FD&C Red No. 3 (Erythrosine)	Food dye
2783-94-0	DTXSID6021456	FD&C Yellow No. 6 (Sunset Yellow FCF)	Food dye
3844-45-9	DTXSID2020189	FD&C Blue No. 1 (Brilliant Blue FCF)	Food dye
860-22-0	DTXSID1020190	FD&C Blue No. 2 (Indigo carmine)	Food dye
2353-45-9	DTXSID3020673	FD&C Green No. 3 (Fast Green FCF)	Food dye
67306-00-7	DTXSID9058157	Fenpropidin	Fungicide
149961-52-4	DTXSID3057981	Dimoxystrobin	Fungicide
81591-81-3	DTXSID5034939	Glyphosate trimesium	Herbicide
950782-86-2	DTXSID0058223	Indaziflam (BCS-AA10717)	Herbicide
951659-40-8	DTXSID10872811	Flupyradifurone (BYI 02960)	Insecticide
33089-61-1	DTXSID5023871	Amitraz	Insecticide
120738-89-8	DTXSID3058292	Nitenpyram	Insecticide
39515-41-8	DTXSID0024002	Fenpropathrin	Insecticide
39515-40-7	DTXSID4032536	Cyphenothrin	Insecticide
13410-01-0	DTXSID5032076	Sodium selenate	Insecticide
100-42-5	DTXSID2021284	Styrene	Industrial
103-23-1	DTXSID0020606	Bis(2-Ethylhexyl) adipate	Industrial
75-25-2	DTXSID1021374	Tribromomethane (Bromoform)	Industrial
2451-62-9	DTXSID4026262	Triglycidyl isocyanurate	Industrial
288-88-0	DTXSID6027131	1,2,4-Triazole	Industrial
101-14-4	DTXSID5020865	4,4'-Methylene bis(2-chloroaniline)	Industrial
140-66-9	DTXSID9022360	4-tert-Octylphenol (4-(1,1,3,3-Tetramethylbutyl)-phenol)	Industrial
17540-75-9	DTXSID8029315	4-sec-Butyl-2,6-di-tert-butylphenol	Industrial
91-94-1	DTXSID6020432	3,3'-Dichlorobenzidine	Industrial, dyes

CASRN	DTXSID	Chemical Name	Category
612-83-9	DTXSID1020433	3,3'-Dichlorobenzidine dihydrochloride	Industrial, dyes
183658-27-7	DTXSID9052686	2-Ethylhexyl 2,3,4,5-tetrabromobenzoate (TBB)	Industrial, Flame retardant
3278-89-5	DTXSID3044918	1,3,5-Tribromo-2-(prop-2-en-1-yloxy)benzene	Industrial, Flame retardant
10034-96-5	DTXSID4020795	Manganese (II) sulfate monohydrate	Metal
10026-24-1	DTXSID7020340	Cobalt sulfate heptahydrate	Metal
10101-97-0	DTXSID7020928	Nickel sulfate hexahydrate	Metal
10108-64-2	DTXSID6020226	Cadmium chloride	Metal, Pos control
60-57-1	DTXSID9020453	Dieldrin	Mixture*
5436-43-1	DTXSID3030056	2,2',4,4'-Tetrabromodiphenyl ether (BDE-47)	Mixture*
107534-96-3	DTXSID9032113	Tebuconazole	Mixture*
80-05-7	DTXSID7020182	Bisphenol A (BPA)	Mixture*
2921-88-2	DTXSID4020458	Chlorpyrifos	Mixture*
70-30-4	DTXSID6020690	Hexachlorophene	Mixture*
115-09-3	DTXSID5020813	Methyl mercuric (II) chloride	Mixture*
79-06-1	DTXSID5020027	Acrylamide	Mixture*
NOCAS_1354859	DTXSID101354859	Dieldrin + BDE-47 (2:1 molarity (Dieldrin:BDE-47))	Mixture*
NOCAS_1354860	DTXSID401354860	Tebuconazole + Chlorpyrifos (10:1 molarity (Tebuconazole:Chlorpyrifos))	Mixture*
NOCAS_1354861	DTXSID101354861	Hexachlorophene + Methyl mercuric (II) chloride (1:5 molarity (Hexachlorophene :Methyl mercuric (II) chloride))	Mixture*
NOCAS_1354862	DTXSID801354862	Bisphenol A + Acrylamide (1:10 molarity (Bisphenol A:Acrylamide))	Mixture*
NOCAS_1354863	DTXSID501354863	BDE-47 + Chlorpyrifos (5:1 molarity (BDE-47:Chlorpyrifos))	Mixture*
NOCAS_1354864	DTXSID201354864	BDE-47 + Methyl mercuric (II) chloride (2:1 molarity (BDE-47:Methyl mercuric (II) chloride))	Mixture*
NOCAS_1354865	DTXSID901354865	BDE-47 + Bisphenol A (1:1 molarity (BDE-47:Bisphenol A))	Mixture*
NOCAS_1354866	DTXSID601354866	Methyl mercuric (II) chloride + Chlorpyrifos (1:10 molarity (Methyl mercuric (II) chloride:Chlorpyrifos))	Mixture*
NOCAS_1354867	DTXSID301354867	Methyl mercuric (II) chloride + Bisphenol A (1:100 molarity (Methyl mercuric (II) chloride:Bisphenol A))	Mixture*

CASRN	DTXSID	Chemical Name	Category
NOCAS_1354868	DTXSID001354868	CEM ratio 1 (1:1:1:1:1:1:1:1 molarity of Dieldrin:BDE47:Tebuconazole:Chlorpyrifos:Hexachlorophene :Methyl mercuric (II) chloride: Bisphenol A: Acrylamide)	Mixture*
NOCAS_1354869	DTXSID701354869	CEM ratio 2 (1:10:20:100:5:5:10:200 molarity of Dieldrin:BDE-47:Tebuconazole:Chlorpyrifos:Hexachlorophene:Methyl mercuric (II) chloride: Bisphenol A: Acrylamide)	Mixture*
NOCAS_1354870	DTXSID001354870	CEM ratio 3 (10:10:20:10:1:1:10:20 molarity of Dieldrin:BDE-47:Tebuconazole:Chlorpyrifos:Hexachlorophene :Methyl mercuric (II) chloride: Bisphenol A: Acrylamide)	Mixture*
376-90-9	DTXSID3059927	Hexafluoroamylene glycol	PFAS
336-08-3	DTXSID4059833	Perfluorohexanedioic acid	PFAS
422-05-9	DTXSID4059966	2:1 Fluorotelomer alcohol	PFAS
2706-90-3	DTXSID6062599	Perfluoropentanoic acid (PFPeA)	PFAS
375-22-4	DTXSID4059916	Perfluorobutanoic acid (PFBA)	PFAS
749836-20-2	DTXSID10892352	Perfluoro-2-[[perfluoro-3-(perfluoroethoxy)-2-propanyl]oxy]ethanesulfonic acid (Nafion by-product 2)	PFAS
29311-67-9	DTXSID30892354	Perfluoro-3,6-dioxa-4-methyl-7-octene-1-sulfonic acid (Nafion by-product 1)	PFAS

<sup>1</sup>Mixture\* = Mixture or mixture component

<sup>2</sup>Linamarin is a botanical component of Cassava.

<sup>3</sup>*Manihot esculenta* is an alternate name for *Manihot utilissima* which are both synonyms for the U.S. Plant Database name for Cassava, *Manihot esculenta* Crantz.