

CAS #	Chemical Name	P&G Category	P&G Subcategory	Reproductive Toxicity Effect	Reproductive Toxicity Reference #	Developmental Toxicity Effect	Developmental Toxicity Reference #	CAESAR v2.1.4 (VEGA NIC v1.06)
—	Metals	1	1a	R	1,2	D	1, 2	—
6055-19-2	Cyclophosphamide	1	1b	R	2	DTer	2	Toxicant
3778-73-2	Ifosfamide	1	1b	RM	3	DTer	3	Toxicant
470-90-6	Chlorfenvinphos	1	1b	No Data		D	4	Toxicant
298-00-0	Methyl parathion	1	1b	No Data		D	4	Toxicant
732-11-6	Phosmet	1	1b	No Data		D	4	Toxicant
52-68-6	Trichlorfon	1	1b	No Data		D	4	NON-Toxicant
10596-23-3	Clodronic acid	1	1b	No Data		DTer	4	Toxicant
57-39-6	Metepa	1	1b	RM	4	D	4	Toxicant
52-24-4	Thiotepa	1	1b	RM	5	DTer	5	Toxicant
19028-32-1	Phosphonothioic acid	1	1b	No Data		D	4	Toxicant
2809-21-4	Etidronic acid	1	1b	No Data		D	4	Toxicant
59536-65-1	FireMaster® BP-6	3	3b-2	No Data		DTer	6	Toxicant
67774-32-7	FireMaster® FF-1	3	3b-2	No Data		DTer	6	NON-Toxicant
12674-11-2	Aroclor 1016	3	3b-2	RF	7	DTer	7	NON-Toxicant
11104-28-2	Aroclor 1221	3	3b-2	RF	7	DTer	7	Toxicant
11141-16-5	Aroclor 1232	3	3b-2	RF	7	DTer	7	NON-Toxicant
53469-21-9	Aroclor 1242	3	3b-2	RF	7	DTer	7	NON-Toxicant
12672-29-6	Aroclor 1248	3	3b-2	RF	7	DTer	7	NON-Toxicant
130892-67-0	2,2,4,5,6-Pentachlorodiphenyl ether	8	8d	No Data		D	8	NON-Toxicant
130892-66-9	2,3,4,6-Tetrachlorodiphenylether	8	8d	No Data		D	8	Toxicant
71859-30-8	2,2,4,4,5,5-Hexachlorodiphenyl ether	8	8d	No Data		D	8	NON-Toxicant
1836-75-5	Nitrofen	8	8d	No Data		D	4	Toxicant
1836-77-7	2,4,6-Trichlorophenyl 4'-nitrophenyl ether	8	8d	No Data		No Evidence	9	Toxicant
22532-68-9	2,4,5-Trichlorophenyl 4'-nitrophenyl ether	8	8d	No Data		D(MT)	9	Toxicant
1836-74-4	4-Monochloronitrophenylether	8	8d	No Data		D	10	Toxicant
82239-20-1	2,3-Dichloronitrophenylether	8	8d	No Data		D	10	Toxicant
39145-48-7	2,5-Dichlorophenyl p-nitrophenyl ether	8	8d	No Data		D	10	Toxicant
2093-28-9	2,6-Dichloronitrophenylether	8	8d	No Data		D	10	Toxicant

22532-80-5	3,4-Dichlorophenyl p-nitrophenyl ether	8	8d	No Data		D	10	Toxicant
21105-77-1	3,5-Dichloro-4'-nitrodiphenyl ether	8	8d	No Data		D	10	Toxicant
2671-93-4	2,4-Dibromophenyl 4'-nitrophenyl ether	8	8d	No Data		D	11	Toxicant
28280-37-7	2,4-Difluorophenyl 4'-nitrophenyl ether	8	8d	No Data		D	11	Toxicant
142022-61-5	2,3,4-Trichlorophenyl 4'-nitrophenyl ether	8	8d	No Data		D	11	Toxicant
142022-59-1	2,3,5-Trichlorophenyl 4'-nitrophenyl ether	8	8d	No Data		D	11	Toxicant
142022-58-0	2,3,6-Trichlorophenyl 4'-nitrophenyl ether	8	8d	No Data		D	11	Toxicant
108-88-3	Toluene	8	8a	No Data		D	12	NON-Toxicant
106-42-3	p-Xylene	8	8a	No Data		D	13	NON-Toxicant
108-38-3	m-Xylene	8	8a	No Data		D	13	NON-Toxicant
95-47-6	o-Xylene	8	8a	No Data		D	13	NON-Toxicant
27458-20-4	Butyltoluene	8	8a	No Data		D	4	NON-Toxicant
98-82-8	Cumene	N/A	N/A	No Data		D	4	NON-Toxicant
98-51-1	4-tert-Butyltoluene	8	8a	RM	14	D	14	NON-Toxicant
106-46-7	para-Dichlorobenzene	8	8c	No Data		D	15	NON-Toxicant
1897-45-6	Chlorothalonil	8	8c	No Data		D	16	Toxicant
118-74-1	Hexachlorobenzene	8	8c	No Data		D	2	NON-Toxicant
120-82-1	1,2,4-Trichlorobenzene	8	8c	No Data		D	17	NON-Toxicant
2077-46-5	2,3,6,-Trichlorotoluene	8	8c	No Data		D	4	NON-Toxicant
98-95-3	Nitrobenzene	8	8b	R	12	No Data		Toxicant
99-99-0	4-Nitrotoluene	8	8b	R	12	No Data		Toxicant
88-72-2	2-Nitrotoluene	8	8b	R	12	No Data		Toxicant
99-65-0	m-Dinitrobenzene	8	8b	R	2	No Data		Toxicant
100-25-4	p-Dinitrobenzene	8	8b	R	2	No Data		Toxicant
121-14-2	2,4-Dinitrotoluene	8	8b	R	2	D	18	Toxicant
606-20-2	2,6-Dinitrotoluene	8	8b	R	12	No Data		Toxicant
602-01-7	2,3-Dinitrotoluene	8	8b	R	12	No Data		Toxicant
610-39-9	3,4-Dinitrotoluene	8	8b	R	12	No Data		Toxicant
618-85-9	3,5-Dinitrotoluene	8	8b	R	12	No Data		Toxicant
619-15-8	2,5-Dinitrotoluene	8	8b	R	12	No Data		Toxicant
81-15-2	Musk Xylene	8	8b	No Data		D	19	Toxicant

1582-09-8	Trifluralin	8	8b	No Data		D	20	Toxicant
32536-52-0	Octabromodiphenyl ether	8	8d	RF	21	D	21	Toxicant
32534-81-9	Pentabromodiphenyl ether	8	8d	No Data		D(MT)	22	Toxicant
1163-19-5	Decabromobiphenyl ether	8	8d	No Evidence	22	No Evidence	22	NON-Toxicant
60123-64-0	2,2,4,4,5-Pentachlorodiphenylether	8	8d	No Data		D	8	NON-Toxicant
1689-84-5	Bromoxynil	8	8e	No Data		D	12	Toxicant
1689-83-4	Ioxynil	8	8e	No Data		D	12	Toxicant
1689-99-2	Bromoxynil octanoate	8	8e	No Data		D	12	Toxicant
3861-47-0	Ioxynil octanoate	8	8e	No Data		D	12	Toxicant
1420-07-1	Dinoterb	8	8e	No Data		D	4	Toxicant
99610-72-7	2-(2-Hydroxy-3,5-dinitroanilino)ethanol	8	8e	R	12	No Data		Toxicant
81-14-1	Musk Ketone	8	8b	No Data		D	19	Toxicant
6903-25-9	2,6-Dinitro-4-(1-propylpentyl)phenyl crotonate	8	8e	No Data		DTer	23	Toxicant
485-31-4	Binapacryl	8	8e	No Evidence	24	No Evidence	24	Toxicant
103-95-7	Cyclamen aldehyde	9	9a	RM	25	D	25	Toxicant
18127-01-0	Bourgeonal	9	9a	RM	26	No Data		Toxicant
93-53-8	Cumene aldehyde	9	9a	RM	26	No Data		Toxicant
6658-48-6	Silvial	9	9a	RM	26	No Data		Toxicant
7775-00-0	Cyclemax	9	9a	RM	26	No Data		Toxicant
98-73-7	p-tert-Butylbenzoic acid	9	9b	RM	27	No Data		Toxicant
939-97-9	p-tert-Butylbenzaldehyde	9	9a	RM	28	No Data		Toxicant
5406-86-0	p-tert-Butylphenethyl alcohol	9	9a	R	29	No Data		Toxicant
62518-65-4	3-(3-tert-Butylphenyl)-2-methylpropanal	9	9a	No Data		D	26	Toxicant
41496-43-9	2-Methyl-3-p-tolylpropanal	N/A	N/A	No Evidence	26	No Data		Toxicant
5462-06-6	3-(4-Methoxy phenyl)-2-methylpropionaldehyde	N/A	N/A	No Evidence	26	No Data		NON-Toxicant
80-54-6	4-tert-Butyl- α -methylhydrocinnamic aldehyde	9	9a	RM	26	No Data		Toxicant
93-76-5	2,4,5-Trichlorophenoxoacetic acid	9	9c	No Evidence	30	D(MT)	31	Toxicant
94-75-7	Dichlorophenoxyacetic acid 2,4-D	9	9c	R(T)	32, 33	D(MT)	32, 33	NON-Toxicant
2702-72-9	2,4-D Sodium salt	9	9c	R(T)	32, 33	D(MT)	32, 33	NON-Toxicant
5742-19-8	2,4-D Diethanolamine salt	9	9c	R(T)	32, 33	D(MT)	32, 33	NON-Toxicant
2008-39-1	2,4-D Dimethylamine salt (DMA)	9	9c	R(T)	32, 33	D(MT)	32, 33	NON-Toxicant

5742-17-6	2,4-D Isopropylamine salt (IPA)	9	9c	R(T)	32, 33	D(MT)	32, 33	NON-Toxicant
32341-80-3	2,4-D Triisopropanolamine salt (TIPA)	9	9c	R(T)	32, 33	D(MT)	32, 33	NON-Toxicant
1929-73-3	2,4-D 2-Butoxyethyl ester (BEE)	9	9c	R(T)	32, 33	D(MT)	32, 33	NON-Toxicant
1928-43-4	2,4-D 2-Ethylhexyl ester (2-EHE)	9	9c	R(T)	32, 33	D(MT)	32, 33	NON-Toxicant
94-11-1	2,4-D Isopropyl ester (IPE)	9	9c	R(T)	32, 33	D(MT)	32, 33	NON-Toxicant
93-65-2	Mecoprop	9	9c	No Data		D(MT)	34	Toxicant
55079-83-9	Acitretin	3	3a-2-1	No Data		DTer	35	Toxicant
54350-48-0	Etretinate	3	3a-2-1	No Data		DTer	36	Toxicant
71441-28-6	Arotinoid acid	3	3a-2-3	No Data		DTer	37	Toxicant
107430-51-3	Benzoic acid, 4-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-anthracenyl)-	3	3a-2-4	No Data		DTer	38	Toxicant
77-36-1	Chlorthalidone	10	10a-1	No Data		D	39	Toxicant
19523-45-6	Chlorcyclamide	10	10a-4	No Data		DTer	40	Toxicant
36734-19-7	Iprodione	2	2b-4-2	R	41	D	41	Toxicant
54-31-9	Furosemide	10	10a-1	No Data		D	39	Toxicant
554-57-4	Methazolamide	10	10a-2	No Data		DTer	39	Toxicant
59-66-5	Acetazolamide	10	10a-2	No Data		DTer	42	Toxicant
120-97-8	Dichlorphenamide	10	10a-1	No Data		DTer	43	Toxicant
452-35-7	Ethoxzolamide	10	10a-2	No Data		DTer	43	Toxicant
58-94-6	Chlorothiazide	10	10a-2	No Evidence	39	D	39	Toxicant
63-74-1	Sulfanilamide	10	10a-3	RM	39	No Evidence	39	Toxicant
57-68-1	Sulfamethazine	10	10a-3	No Data		DTer	39	Toxicant
68-35-9	Sulfadiazine	10	10a-3	No Data		DTer(MT)	39	Toxicant
651-06-9	Sulfamethoxine	10	10a-3	No Data		DTer	44	Toxicant
1220-83-3	Sulfamonomethoxine	10	10a-3	No Data		DTer	44	Toxicant
3772-76-7	Sulfamethomidine	10	10a-3	No Data		DTer	44	Toxicant
80-35-3	Sulfamethoxypyridazine	10	10a-3	No Data		DTer	44	Toxicant
127-69-5	Sulfisoxazole	10	10a-3	No Data		DTer	44	Toxicant
339-43-5	Carbutamide	10	10a-4	No Data		DTer	40	Toxicant
94-20-2	Chloropropamide	10	10a-4	No Data		DTer	39	Toxicant
64-77-7	Tolbutamide	10	10a-4	No Data		DTer	39	Toxicant
565-33-3	Metahexamide	10	10a-4	No Data		DTer	39	Toxicant
1156-19-0	Tolazamide	10	10a-4	No Data		D	39	Toxicant

664-95-9	Glycyclamide	10	10a-4	No Data		No Evidence	45	Toxicant
15545-48-9	Chlorotoluron	2	2b-4-1	No Evidence	46	D	46	Toxicant
330-54-1	Diuron	2	2b-4-1	No Evidence	47	D	47	Toxicant
330-55-2	Linuron	2	2b-4-1	RM	48	D(MT)	48	NON-Toxicant
1746-81-2	Monolinuron	2	2b-4-1	No Data		DTer(MT)	49	NON-Toxicant
34123-59-6	Isoproteron	2	2b-4-1	No Evidence	46	No Evidence	46	Toxicant
50471-44-8	Vinclozolin	2	2b-4-2	R	50	D	50	NON-Toxicant
32809-16-8	Procyamidone	2	2b-4-2	R	51	D	51	Toxicant
67747-09-5	Prochloraz	N/A	N/A	RM	53	D	53	NON-Toxicant
65277-42-1	Ketoconazole	13	13a-1	No Data		DTer	39	Toxicant
59-87-0	Nitrofurazone	13	13b-2	RM	39	DTer(MT)	39	NON-Toxicant
67-45-8	Furazolidone	13	13b-2	RM	39	No Evidence	39	Toxicant
443-48-1	Metronidazole	13	13b-1	RM	39	No Evidence	39	NON-Toxicant
23256-30-6	Nifurtimox	13	13b-2	RM	39	D(MT)	39	Toxicant
120116-88-3	Cyazafamid	N/A	N/A	No Evidence	54	D	54	Toxicant
161326-34-7	Fenamidon	N/A	N/A	No Evidence	55	D(MT)	55	NON-Toxicant
38083-17-9	Climbazole	13	13a-2	RF(T)	56	D(MT)	56	Toxicant
68694-11-1	Triflumizole	13	13a-2	RF	57	D(MT)	57	Toxicant
72459-58-6	Triazoxide	13	13a-2	No Evidence	58	D	58	Toxicant
35554-44-0	Enilconazole	13	13a-1	R	59	D(MT)	59	Toxicant
13311-84-7	Flutamide	2	2b-4-1	RM	39	D	39	Toxicant
122-42-9	Profam	2	2b-4-1	No Evidence	60	No Evidence	60	NON-Toxicant
17804-35-2	Benomyl	6	6b-1	RM	61	DTer	61	Toxicant
23564-05-8	Thiophanate methyl	6	6b-1-2	RM	61	DTer	61	Toxicant
10605-21-7	Carbendazim	6	6b-1	RM	61	DTer	61	Toxicant
53716-50-0	Oxfendazole	6	6b-1	R	62	DTer	62	Toxicant
43210-67-9	Fenbendazole	6	6b-1	No Data		DTer	62	NON-Toxicant
58306-30-2	Febantel	N/A	N/A	No Data		DTer	62	NON-Toxicant
148-79-8	Thiabendazole	6	6b-1-1	No Evidence	63	DTer(MT)	63	Toxicant
31431-39-7	Mebendazole	6	6b-1	No Evidence	64	DTer(MT)	64	Toxicant
54965-21-8	Albendazole	6	6b-1	RM	65	DTer(MT)	65	Toxicant
31430-15-6	Flubendazole	6	6b-1	No Evidence	66	DTer	67	Toxicant
57-41-0	Dipenylhydantoin	10	10b	No Data		DTer	39	Toxicant

2784-27-2	Hydroxyphenytoin	10	10b	No Data		No Evidence	68	Toxicant
461-72-3	Hydantoin	17	17b	No Data		DTer	69	NON-Toxicant
86-35-1	Ethotoin	10	10b	No Data		DTer	69	Toxicant
50-12-4	Mephenytoin	10	10b	No Data		D	69	Toxicant
63-98-9	Phenacemide	10	10b	No Data		D	39	Toxicant
50-06-6	Phenobarbital	10	10b	RM	39	DTer	39	Toxicant
125-33-7	Primidone	10	10b	No Data		DTer	39	Toxicant
150-30-1	Phenylalanine	11	11a	No Data		D	39	Toxicant
148-82-3	Melphalan	11	11a	R	70	DTer	70	Toxicant
305-03-3	Chlorambucil	9	9b	R	70, 71	DTer	70	Toxicant
573-58-0	Congo Red	12	12b-1	No Evidence	72	D	72-74	Toxicant
7331-25-1	2,4-Pyrimidinediamine, 5-(4-bromophenyl)-6-methyl-	12	12a-1	No Data		D	75	Toxicant
7761-45-7	2,4-Pyrimidinediamine, 5-(3,4-dichlorophenyl)-6-methyl-	12	12a-1	No Data		D	75	Toxicant
5355-16-8	2,4-Pyrimidinediamine, 5-[(3,4-dimethoxyphenyl)methyl]-	12	12a-1	No Data		D	75	Toxicant
738-70-5	2,4-Pyrimidinediamine, 5-[(3,4,5-trimethoxyphenyl)methyl]-	12	12a-1	No Data		DTer	39	Toxicant
56518-41-3	2,4-Pyrimidinediamine, 5-[(4-bromo-3,5-dimethoxyphenyl)methyl]	12	12a-1	No Data		DTer	76	Toxicant
64-04-0	Phenylethylamine	11	11a	No Data		DTer	77	Toxicant
300-62-9	Amphetamine	11	11a	No Data		D	39	Toxicant
51-61-6	Dopamine	11	11a	No Data		D	39	Toxicant
537-46-2	Methamphetamine	11	11a	No Data		D	78	NON-Toxicant
4350-09-8	L-5-Hydroxytryptophan	11	11a	No Data		DTer(MT)	39	Toxicant
51-45-6	Histamine	11	11a	R	39	No Data	39	NON-Toxicant
50-67-9	Serotonin	11	11a	No Data		DTer	39	Toxicant
555-30-6	Methyldopa	11	11a	No Data		DTer(MT)	79	Toxicant
7683-59-2	Isoproterenol	11	11a	R	39	DTer	39	Toxicant
59-42-7	Synephrine	11	11a	No Data		No Evidence	39	Toxicant
51-43-4	Epinephrine	11	11a	No Data		DTer	39	Toxicant
56-75-7	Chloramphenicol	11	11a	R	80	DTer	39	Toxicant
15318-45-3	Thaimphenicol	11	11a	RM	81	D	81	Toxicant

437-38-7	Fentanyl	11	11a	R	39	D	39	Toxicant
303-26-4	Norchlorcyclizine	11	11b	No Data		DTer	39, 82, 83	NON-Toxicant
23145-88-2	Norhomochlorcyclizine	11	11b	No Data		DTer	39, 82	NON-Toxicant
24342-54-9	Normethylcyclizine HCl	11	11b	No Data		DTer	39, 82	Toxicant
848-53-3	Homochlorcyclizine	11	11b	No Data		DTer	39, 82	Toxicant
841-77-0	Norcyclizine	11	11b	No Data		DTer	39, 82	Toxicant
82-93-9	Chlorcyclizine	11	11b	No Data		DTer	39, 82, 83	Toxicant
24342-56-1	Methylcyclizine	11	11b	No Data		DTer	39, 82	Toxicant
24342-57-2	Chlorcyclizine-n-t-butyl	11	11b	No Data		DTer	39, 82	Toxicant
82-92-8	Cyclizine	11	11b	No Data		DTer	39, 82, 83	Toxicant
68-88-2	Hydroxyzine	11	11b	No Data		DTer	39, 82, 83	Toxicant
569-65-3	Meclizine	11	11b	No Data		DTer	83	Toxicant
82-95-1	Buclizine	11	11b	No Data		DTer	83	NON-Toxicant
1937-37-7	Direct Black 38	12	12b-1	No Data		D	73	Toxicant
2602-46-2	Direct Blue 6	12	12b-1	No Data		DTer	72, 73, 84	Toxicant
72-57-1	Trypan blue	12	12b-1	No Data		DTer	84	Toxicant
314-13-6	Evans Blue	12	12b-1	No Data		DTer	84	Toxicant
2429-74-5	Direct Blue 15	12	12b-1	No Data		DTer	84	Toxicant
2610-05-1	Direct Blue 1	12	12b-1	No Data		DTer	73	Toxicant
20282-70-6	Fast Blue B	N/A	N/A	No Data		No Evidence	73	Toxicant
3627-06-3	Afridol Blue	12	12b-1	No Data		DTer	84	Toxicant
331-91-9	Benzenamine, 4-[2-(2-fluorophenyl)diazenyl]-N,N-dimethyl-	12	12b-3	No Data		D	86	Toxicant
150-74-3	Benzenamine, 4-[2-(4-fluorophenyl)diazenyl]-N,N-dimethyl-	12	12b-3	No Data		D	85	Toxicant
3010-57-9	Benzenamine, N,N-dimethyl-4-[2-(4-methylphenyl)diazenyl]-	12	12b-3	No Data		D	85	NON-Toxicant
332-54-7	Benzenamine, 4-[2-(3-fluorophenyl)diazenyl]-N,N-dimethyl-	12	12b-3	No Data		D	85	Toxicant
2058-67-5	Benzenamine, N-ethyl-4-(2-phenyldiazenyl)-	12	12b-3	No Data		D	86	NON-Toxicant
621-90-9	Benzenamine, N-methyl-4-(2-phenyldiazenyl)-	12	12b-3	No Data		D	85	NON-Toxicant
328-96-1	Benzenamine, N,N-dimethyl-4-[2-[3-(trifluoromethyl)phenyl]diazenyl]-	12	12b-3	No Data		D	85	Toxicant

7331-26-2	2,4-Pyrimidinediamine, 5-(4-bromophenyl)-6-ethyl-	12	12a-1	No Data		No Evidence	75	Toxicant
1866-43-9	4-(Benzylamino)-2-methyl-7H-pyrrolo[2,3-d]pyrimidine	N/A	N/A	No Data		No Evidence	75	Toxicant
7331-21-7	2,4-Pyrimidinediamine, 6-methyl-5-[(4-nitrophenyl)methyl]-	12	12a-1	No Data		No Evidence	75	Toxicant
7331-20-6	2,4-Pyrimidinediamine, 5-(4-chlorophenoxy)-	12	12a-1	No Data		No Evidence	75	Toxicant
7331-19-3	2,4-Pyrimidinediamine, 5-(4-chlorophenoxy)-6-methyl-	12	12a-1	No Data		No Evidence	75	Toxicant
18588-50-6	IEM-687	12	12a-1			DTer	86	Toxicant
27653-50-5	2,4-Diamino-5-phenyl-6-propyl-pyrimidine	12	12a-1			DTer	87	Toxicant
7331-24-0	2,4-Pyrimidinediamine, 5-(4-chlorophenyl)-6-pentyl-	12	12a-1	No Data		D	75	Toxicant
58-14-0	Pyrimethamine	12	12a-1	RM	39	DTer	39	Toxicant
59-05-2	Methotrexate	12	12a-2	No Data		DTer	39	Toxicant
52128-35-5	Trimetrexate	12	12a-2	RM	88	DTer	89	Toxicant
80576-83-6	Edatrexate	12	12a-2	No Data		D(MT)	90	NON-Toxicant
54-62-6	Aminopterin	12	12a-2	No Data		DTer	39	Toxicant
288-88-0	1-H-1,2,4-Triazole	13	13c-1	No Evidence	91, 92	D	91	NON-Toxicant
61-82-5	Amitrole	13	13c-1	R(T)	93	D(MT)	93	Toxicant
133855-98-8	Epoxiconazole	13	13c-2	No Data		D	94, 95	NON-Toxicant
88671-89-0	Myclobutanil	13	13c-2	R	96	D	96	Toxicant
60207-90-1	Propiconazole	13	13c-2	No Evidence	96	No Evidence	96	NON-Toxicant
43121-43-3	Triadimefon	13	13c-3	R	96, 97	DTer(MT)	96, 97	Toxicant
107534-96-3	Tebuconazole	13	13c-2	No Evidence	98	DTer(MT)	99	Toxicant
55219-65-3	Triadimenol	13	13c-3	No Data		D(MT)	97	Toxicant
55179-31-2	Biertanol	13	13c-3	No Data		D(MT)	97	Toxicant
85509-19-9	Flusilazole	13	13c-4	No Evidence	100	D	97, 100	NON-Toxicant
94361-06-5	Cyproconazole	13	13c-2	No Data		DTer	97	Toxicant
114369-43-6	Fenbuconazole	13	13c-2	No Data		DTer	97	Toxicant
66246-88-6	Penconazole	13	13c-2	No Data		D	97	Toxicant
86386-73-4	Fluconazole	13	13c-2	No Data		DTer(MT)	39	Toxicant
4342-03-4	Dacarbazine	12	12d	No Data		DTer	39	NON-Toxicant

50-32-8	Benzo(a)Pyrene	3	3b-3	RF	101	DTer	101	Toxicant
91-64-5	Coumarin	14	14a	No Data		D	39	Toxicant
298-81-7	Methoxalen	14	14a	No Data		DTer	39	NON-Toxicant
81-81-2	Warfarin	14	14a	No Data		DTer	39	Toxicant
66-76-2	Dicumarol	14	14a	No Data		DTer	39	Toxicant
83-12-5	Phenindione	15	15h	No Data		D	39	Toxicant
548-00-5	Ethyl biscoumacetate	14	14a	No Data		D	39	Toxicant
479-13-0	Coumestral	14	14a	RF	102	No Data		Toxicant
50-35-1	Thalidomide	14	14b-1-1	No Data		DTer	39, 103	Toxicant
19143-28-3	Glutaramic acid, 4-phthalimido-, methyl ester, DL-	14	14b-1-1	No Data		DTer	104	Toxicant
26581-81-7	EM-12	14	14b-1-2	No Data		DTer	106	Toxicant
26581-91-9	EM-16	14	14b-1-2	No Data		No Evidence	16	Toxicant
4292-56-2	4-Phthalimidoglutaramic acid	14	14b-1-1	No Data		DTer	107	Toxicant
4702-13-0	N-Phthalylglycine (I)	14	14b-1-1	No Data		DTer	108	NON-Toxicant
3130-75-4	4-Phthalimidobutyric acid	14	14b-1-1	No Data		DTer	108	Toxicant
19171-18-7	4-Nitrothalidomide	14	14b-1-1	No Data		DTer	103	Toxicant
19171-19-8	4-Aminothalidomide	14	14b-1-1	No Data		DTer	103	Toxicant
19246-22-1	DI-Hexahydrothalidomide	N/A	N/A	No Data		No Evidence	103	Toxicant
19246-23-2	dl-3'-Succinimidoglutarimide	N/A	N/A	No Data		No Evidence	103	NON-Toxicant
4935-96-0	2-Phthalimidoacetamide	14	14b-1-1	No Data		No Evidence	103	Toxicant
1515-72-6	N-Butylphthalimide	14	14b-1-1	No Data		D	103	Toxicant
7607-72-9	2-Phthalamidoglutaramic acid	14	14b-1-1	No Data		No Evidence	103	Toxicant
19171-27-8	3-Phthalimidopyridine	14	14b-1-1	No Data		No Evidence	103	Toxicant
3343-28-0	2-Phthalimidoglutaric acid anhydride	14	14b-1-1	No Data		No Evidence	103	Toxicant
3459-33-4	4-Phthalimidobutyramide	14	14b-1-1	No Data		DTer	103	Toxicant
520-03-6	Phthalimidobenzene	14	14b-1-1	No Data		DTer	103	Toxicant
191732-72-6	Lenalidomide	14	14b-1-2	No Data		DTer(MT)	109	Toxicant
49785-74-2	Supidimide	N/A	N/A	No Data		No Evidence	110	Toxicant
550-44-7	N-Methyl phthalimide	14	14b-1-1	No Data		D	111	Toxicant
41663-84-7	4-Nitro-N-methylphthalimide	14	14b-1-1	No Data		D	112	Toxicant
85-41-6	Phthalimide	14	14b-1-1	No Data		DTer	14, 113	Toxicant
16477-31-9	2,6-Piperidinedione, 3-(3-oxo-1,2-	N/A	N/A	No Data		No Evidence	107	Toxicant

	benzisothiazol-2(3H-yl)-, S,S-dioxide							
79458-80-3	1H-Isoindol-1-one, 2,3-dihydro-2-(2-oxo-3-piperidinyl)-	14	14b-1-2	No Data		DTer	107	Toxicant
4388-29-8	Phthalimidophthalimide	14	14b-1-1	No Data		No Evidence	114	Toxicant
42406-53-1	N-Phthaloyl-L-aspartic acid (L-I)	14	14b-1-1	No Data		DTer	115	Toxicant
62249-41-6	N-Phthaloyl-D-aspartic acid (D-I)	14	14b-1-1	No Data		No Evidence	115	Toxicant
340-90-9	N-Phthalyl-L-glutamic acid (I)	14	14b-1-1	No Data		DTer	115	Toxicant
22911-88-2	N-Phthaloyl-D-glutamic acid	14	14b-1-1	No Data		No Evidence	115	Toxicant
439-14-5	Diazepam	14	14b-3-1	No Evidence	116	DTer	39	Toxicant
1622-62-4	Flunitrazepam	14	14b-3-1	No Data		DTer	39	Toxicant
1622-61-3	Clonazepam	14	14b-3-1	No Data		D	39	Toxicant
604-75-1	Oxazepam	14	14b-3-1	No Data		No Evidence	39	Toxicant
846-49-1	Lorazepam	14	14b-3-1	No Evidence	39	DTer	39	Toxicant
846-50-4	Temazepam	14	14b-3-1	No Data		D	39	Toxicant
28981-97-7	Alprazolam	14	14b-3-2	No Data		DTer	39	Toxicant
303-49-1	Clomipramine	14	14c-3	No Data		D	39	Toxicant
1668-19-5	Doxepin	14	14c-1	No Data		No Evidence	39	Toxicant
113-53-1	Dosulepin	14	14c-1	No Data		No Evidence	39	Toxicant
23047-25-8	Lofepramine	14	14c-3	No Data		D(MT)	39	Toxicant
739-71-9	Trimipramine	14	14c-3	R	39	DTer	39	Toxicant
129-03-3	Cypro heptadine	14	14c-2	No Data		DTer	39	NON-Toxicant
10262-69-8	Maptrotiline	N/A	N/A	No Data		No Evidence	39	NON-Toxicant
85650-52-8	Mirtazapine	14	14c-5	RF	39	D	39	Toxicant
117-89-5	Triluoperazine	14	14c-4	R	39	DTer	39	Toxicant
69-09-0	Chlorpromazine	14	14c-4	R	39	DTer	39	Toxicant
60-87-7	Promethazine	14	14c-4	No Data		No Evidence	39	Toxicant
58-39-9	Perphenazine	14	14c-4	R	39	DTer	39	Toxicant
50-52-2	Thioridazine	14	14c-4	R	39	DTer	39	Toxicant
72-69-5	Nortriptyline	14	14c-1	No Data		DTer	39	Toxicant
438-60-8	Protriptyline	14	14c-1	No Evidence	39	D	39	Toxicant
50-47-5	Desipramine	14	14c-3	No Data		D	39	Toxicant
50-49-7	Imipramine	14	14c-3	No Data		D	39	Toxicant
50-48-6	Amitriptyline	14	14c-1	No Data		DTer	39	Toxicant

14028-44-5	Amoxapine	14	14c-5	R	39	D	39	Toxicant
60-54-8	Tetracycline	14	14d-1	No Data		D	39	Toxicant
2058-46-0	Oxytetracyclin	14	14d-1	No Data		DTer	39, 117	Toxicant
13614-98-7	Minocyclin	14	14d-1	No Data		DTer	39	Toxicant
127-33-3	Demeclocycline	14	14d-1	No Data		DTer	39	Toxicant
25316-40-9	Doxorubicin HCl	14	14d-2	RM	39	DTer	39	Toxicant
58957-92-9	Idarubicin	14	14d-2	RM	39	DTer	39	Toxicant
56420-45-2	Epirubicin	14	14d-2	No Data		DTer	118	Toxicant
20830-81-3	Daunorubicin	14	14d-2	No Data		DTer	119	Toxicant
110267-81-7	Amrubicin	14	14d-2	R	39	DTer	39	Toxicant
140637-82-7	DA-125	14	14d-2	RM	120	DTer	39	Toxicant
33419-42-0	Etoposide	6	6b-2	RM	39	DTer	39	Toxicant
76-57-3	Codeine	6	6a-1	No Data		D(MT)	39	Toxicant
57-27-2	Morphine	6	6a-1	RM	39	DTer	39	Toxicant
115-37-7	Thebaine	6	6a-1	No Data		DTer	39	Toxicant
466-99-9	Hydromorphone	6	6a-1	No Data		DTer	39	Toxicant
125-29-1	Hydrocodone	6	6a-1	RM	121	D(MT)	39, 122	Toxicant
76-41-5	Oxymorphone	6	6a-1	RF	123	D(MT)	39	Toxicant
20594-83-6	Nalbuphine	6	6a-1	No Data		No Evidence	39	Toxicant
52485-79-7	Buprenorphine	6	6a-2	No Data		D(MT)	39	Toxicant
42408-82-2	Butorphanol	6	6a-6	No Data		D	39	Toxicant
465-65-6	Naloxone	6	6a-1	No Data		D	39	NON-Toxicant
3572-80-3	Cyclazocine	6	6a-3	No Evidence	124	No Evidence	124	Toxicant
359-83-1	Pentazocine	6	6a-4	No Evidence	29, 125	D	39, 125	Toxicant
21256-18-8	Oxaprozin	9	9b	RF	39	D	39	NON-Toxicant
38194-50-2	Sulindac	9	9a	RF	39	D	39	Toxicant
26171-23-3	Tolmetin	9	9b	RF	39	D	39	Toxicant
122647-31-8	Ibutilide	5	5a-1	No Data		D	67	Toxicant
136075-60-0	L 691121	5	5a-1	No Data		D	67	Toxicant
115256-11-6	Dofetilide	5	5a-1	No Data		D	67	Toxicant
3930-20-9	Sotalol	11	11a	No Data		D	67	NON-Toxicant
1951-25-3	Amiodarone	5	5a-1	R	39	D	39	Toxicant
81098-60-4	Cisapride	5	5a-1	R	39	Dter	39	Toxicant

68844-77-9	Astemizole	11	11a	No Data		D	39	Toxicant
51-55-8	Atropine	4	4a-1	RM	39	D(MT)	39	NON-Toxicant
186691-13-4	Tiotropium	4	4a-1	No Data		D	39	NON-Toxicant
60205-81-4	Ipratropium	4	4a-1	No Evidence	39	D	126	Toxicant
51-34-3	Scopolamine	4	4a-1	No Data		D(MT)	127	Toxicant
114-49-8	Scopolamine Hydrobromide	4	4a-1	No Data		D(MT)	127	Toxicant
596-51-0	Glycopyrrolate	4	4a-1-1	No Evidence	128	No Evidence	128	NON-Toxicant
22204-53-1	Naproxen	9	9b	RF	39	D	39, 129, 130	Toxicant
15307-86-5	Diclofenac	9	9a	RF	39	D	39	Toxicant
41340-25-4	Etodolac	9	9b	RF	39	D	39, 130	Toxicant
31879-05-7	Fenoprofen	9	9a	RF	39	D	39	Toxicant
15687-27-1	Ibuprofen	9	9a	R	39	D	39	Toxicant
53-86-1	Indomethacin	9	9b	No Data		DTer	39	NON-Toxicant
22071-15-4	Ketoprofen	9	9a	No Data		D	130	Toxicant
42924-53-8	Nabumetone	9	9a	No Data		D	39	Toxicant
64-86-8	Colchicine	6	6b-3	RM	131	DTer	39	Toxicant
518-28-5	Podophyllotoxin	6	6b-2	RM	132	D	39	Toxicant
865-21-4	Vinblastine	6	6b-3	RM	133	D	39	Toxicant
57-22-7	Vincristine	6	6b-3	RM	134	D	39	Toxicant
71486-22-1	Vinorelbine	6	6b-3	RM	39	D	39	Toxicant
329-89-5	6-Aminonicotinamide	15	15b	No Data		DTer	135	NON-Toxicant
54-11-5	Nicotine	4	4a-3	No Data		D	39, 136	NON-Toxicant
77-10-1	Phencyclidine	15	15e	No Data		DTer(MT)	39, 137	Toxicant
6740-88-1	Ketamine	15	15f	No Data		D(MT)	39	Toxicant
548-62-9	Gentian violet	12	12c	No Data		DTer(MT)	138	Toxicant
3844-45-9	Brilliant Blue FCF	12	12c	No Evidence	139	No Evidence	139	Toxicant
3087-16-9	Green S	12	12c	No Evidence	140	No Evidence	140	Toxicant
154-21-2	Lincomycin	16	16d-3	No Data		D	39, 141	NON-Toxicant
79548-73-5	Pirlimycin	16	16d-3	No Data		D(MT)	39	NON-Toxicant
18323-44-9	Clindamycin	16	16d-3	No Data		No Evidence	39	NON-Toxicant
37517-28-5	Amikacin	16	16d-1	No Data		D	39	Toxicant
58152-03-7	Isepamicin	16	16d-1	No Evidence	143, 144	D	39, 144	Toxicant
34493-98-6	Dibekacin	16	16d-1	No Data		DTer	39, 145	Toxicant

56391-56-1	Netilmicin	16	16d-1	No Evidence	39	D	39, 147-149	Toxicant
32986-56-4	Tobramycin	16	16d-1	No Data		D	39	Toxicant
32385-11-8	Sisomicin	16	16d-1	No Evidence	149-155	No Evidence	149-155	Toxicant
59-01-8	Kanamycin	16	16d-1	No Data		D	39	Toxicant
1403-66-3	Gentamicin	16	16d-1	RM	39	D	39	Toxicant
57-92-1	Streptomycin	16	16d-2	No Evidence	157	D	39	Toxicant
378-44-9	Betamethasone	2	2a-2	No Data		DTer	39, 158	Toxicant
50-24-8	Prednisolone	2	2a-2	No Data		DTer	39, 158	Toxicant
51333-22-3	Budesonide	2	2a-2	No Data		DTer	39, 158	Toxicant
124-94-7	Triamcinolone	2	2a-2	No Data		DTer	39, 158	Toxicant
54063-32-0	Clobetasone	2	2a-2	No Data		DTer	39, 158	Toxicant
2607-06-9	Diflucortolone	2	2a-2	No Data		DTer	39, 158	Toxicant
152-97-6	Fluocortolone	2	2a-2	No Data		DTer	39, 158	Toxicant
3385-03-3	Flunisolide	2	2a-2	No Data		DTer	39, 158	Toxicant
23674-86-4	Difluprednate	2	2a-2	No Data		DTer	39, 158	Toxicant
90566-53-3	Fluticasone	2	2a-2	No Data		DTer	39, 158	Toxicant
64-85-7	Desoxycorticosterone	2	2a-3	No Data		DTer	39, 158	Toxicant
521-18-6	Dihydrotestosterone	2	2a-4	R	39	D	39	Toxicant
84371-65-3	Mifepristone	2	2a-4	No Data		D	39	Toxicant
53-06-5	Cortisone	2	2a-2	No Data		DTer	39, 158	Toxicant
50-23-7	Hydrocortisone	2	2a-2	No Data		DTer	39	Toxicant
50-22-6	Corticosterone	2	2a-2	No Data		DTer	39	Toxicant
50-02-2	Dexamethasone	2	2a-2	No Data		DTer	39	Toxicant
52-01-7	Spirolactone	2	2a-2	R	39	D	39	Toxicant
107724-20-9	Eplerenone	2	2a-3	No Data		No Evidence	39	Toxicant
57-83-0	Progesterone	2	2a-3	RM	2	D	2	Toxicant
152-62-5	Dydrogesterone	2	2a-3	No Evidence	159	No Evidence	159	Toxicant
68-96-2	17-Hydroxyprogesterone	2	2a-3	RM	160, 161	No Data	160, 161	Toxicant
71-58-9	Medroxyprogesterone acetate	2	2a-3	RM	39	DTer	39	Toxicant
595-33-5	Megestrol acetate	2	2a-3	No Data		D	39	Toxicant
302-22-7	Chlormadinone acetate	2	2a-3	R	162	D	163	Toxicant
427-51-0	Cyproterone acetate	2	2a-3	R	39	D	39	Toxicant
2098-66-0	Cyproterone	2	2a-3	R	39	D	39	Toxicant

13698-49-2	Delmadinone acetate	2	2a-3	R	39	D	39	Toxicant
1253-28-7	Gestonorone caproate	2	2a-3	R	164, 165	No Data		Toxicant
58-22-0	Testosterone	2	2a-4	R	39	D	39	Toxicant
58-18-4	17-Methyltestosterone	2	2a-4	R	39	D	39	Toxicant
434-03-7	Ethisterone	2	2a-4	R	166	D	39	Toxicant
434-22-0	Nandrolone (19-nortestosterone)	2	2a-4	R	167, 168	D	39	Toxicant
68-22-4	Norethisterone	2	2a-4	R	39	D	39	Toxicant
10161-33-8	Trenbolone	2	2a-4	R	169	D	170	Toxicant
850-52-2	Altrenogest	2	2a-4	R	171	No Evidence	171	Toxicant
17230-88-5	Danazol	2	2a-4	No Data		D	39	Toxicant
65928-58-7	Dienogest	2	2a-4	RF	39	No Data		Toxicant
77-47-4	Hexachlorocyclopentadiene	16	16f-1	No Evidence	172	No Evidence	172	NON-Toxicant
76-44-8	Heptachlor	16	16f-4	R	173	D	173	NON-Toxicant
1024-57-3	Heptachlor epoxide	16	16f-4	R	173	D	173	Toxicant
309-00-2	Aldrin	16	16f-4	R	174	D	174	NON-Toxicant
60-57-1	Dieldrin	16	16f-4	R	174	D	174	Toxicant
72-20-8	Endrin	16	16f-4	No Evidence	175	D	175	Toxicant
12789-03-6	Chlordane	16	16f-4	R	176	D	176	NON-Toxicant
115-29-7	Endosulfan	16	16f-4	RM	177	D(MT)	177	Toxicant
2385-85-5	Mirex	16	16f-5	RF	178	DTer	178	NON-Toxicant
143-50-0	Chlordecone	16	16f-5	R	178	D	178	Toxicant
57-43-2	Amobarbital	17	17a-1	No Data		DTer	39	Toxicant
76-73-3	Secobarbital	17	17a-1	No Data		D	39	Toxicant
309-43-3	Secobarbital sodium	17	17a-1	No Data		DTer	39	Toxicant
77-26-9	Butalbital	17	17a-1	No Data		D	39	Toxicant
57-33-0	Pentobarbital sodium	17	17a-1	No Data		DTer	39	Toxicant
50-91-9	Floxuridine	7	7a	No Data		DTer	179-181	Toxicant
10356-76-0	5-Fluoro-2'-deoxycytidine	7	7a	No Data		DTer	182	Toxicant
50-90-8	5-Chloro-2'-deoxyuridine	7	7a	No Data		DTer	183	Toxicant
59-14-3	Bromodeoxyuridine	7	7a	RM	184	DTer	185, 186	Toxicant
54-42-2	Idoxuridine	7	7a	No Data		DTer	187	Toxicant
3056-17-5	Stavudine	7	7a	No Data		D	188	Toxicant
147-94-4	Cytarabine	7	7a	No Data		DTer	189	Toxicant

7481-89-2	Zalcitabine	7	7a	No Data		DTer	190	NON-Toxicant
1022-79-3	Bromodeoxycytidine	7	7a	No Data		DTer	191	Toxicant
320-67-2	Azacitidine	7	7a	RM	192	DTer	193	NON-Toxicant
2353-33-5	Decitabine	7	7a	RM	194	DTer	195	NON-Toxicant
31698-14-3	Ancitabine	7	7a	No Data		DTer	39	Toxicant
73-24-5	Adenine	7	7b-2	No Evidence	196	D	196	Toxicant
73-40-5	Guanine	7	7b-1	No Evidence	196	D	196	Toxicant
958-09-8	Deoxyadenosine	7	7b-2	No Data		D	197	Toxicant
134-58-7	Azaguanine	7	7b-1	No Data		D	198	Toxicant
58-08-2	Caffeine	7	7b-1	No Data		D(MT)	199	Toxicant
83-67-0	Theobromine	7	7b-1	RM	200	DTer	199	Toxicant
58-55-9	Theophylline	7	7b-1	R	201	DTer	201	Toxicant
154-42-7	Thioguanine	7	7b-1	No Data		DTer	39	Toxicant
50-44-2	Mercaptopurine	7	7b-2	R	39	DTer	39	Toxicant
51-21-8	Fluorouracil	7	7b-3	No Data		DTer	2, 202	Toxicant
51-52-5	Propylthiouracil	7	7b-3	No Data		D	2, 203, 204	Toxicant
96-45-7	Ethylenethiourea	17	17a-2	No Data		DTer	2	NON-Toxicant
2122-19-2	Propylenethiourea	17	17a-2	No Data		DTer	205	Toxicant
3715-92-2	N-nitrosoethylenethiourea	17	17a-2	No Data		DTer	206	Toxicant
22232-54-8	Carbimazole	17	17a-2	No Data		DTer	207, 208	Toxicant
60-56-0	Methimazole	17	17a-2	No Data		DTer	2	Toxicant
24602-86-6	Tridemorph	16	16b	No Data		DTer	209	NON-Toxicant
91315-15-0	Aldimorph	16	16b	No Data		DTer	210	NON-Toxicant
75-21-8	Ethylene oxide	16	16c-1	R	2	DTer	2	NON-Toxicant
556-52-5	Glycidol	16	16c-1	R	211, 212	D(MT)	211	Toxicant
106-89-8	Epichlorohydrin	16	16c-1	RM	213	No Evidence	213	NON-Toxicant
106-92-3	Allyl glycidyl ether	16	16c-2	RM	214	No Data		Toxicant
2426-08-6	N-Butyl glycidyl ether	16	16c-2	RM	215	Dter	215	NON-Toxicant
695-53-4	Dimethadione	17	17b	No Data		Dter	216	Toxicant
127-48-0	Trimethadione	17	17b	No Data		Dter	217, 218	Toxicant
115-67-3	Paramethadione	17	17b	No Data		Dter	217, 218	Toxicant
298-46-4	Carbamazepine	N/A	N/A	RM		DTer	39	Toxicant
745-65-3	Alprostadil	3	3c	No Data		D	219, 220	Toxicant

66-81-9	Cycloheximide	18	18b	R	2	D	2	Toxicant
631-64-1	Dibromoacetic acid	22	22a	R	221	DTer	222	Toxicant
79-43-6	Dichloroacetic acid	22	22a	RM	223	DTer	223	Toxicant
76-03-9	Trichloroacetic acid	22	22a	R	224	DTer(MT)	224	Toxicant
79-11-8	Chloroacetic acid	22	22a	No Data		D	225	Toxicant
99-66-1	Valproic acid	22	22c	RM	226	D	2	Toxicant
149-57-5	2-Ethylhexanoic acid	22	22c	No Data		DTer	227, 228	NON-Toxicant
124-07-2	Octanoic acid	N/A	N/A	No Data		No Evidence	227, 229	NON-Toxicant
71133-14-7	Bromodichloroacetic acid	22	22a	No Data		D	230	Toxicant
5589-96-8	Bromochloroacetic acid	22	22a	RM	231	D	222	Toxicant
107-14-2	Chloroacetonitrile	23	23d	No Data		D(MT)	232	Toxicant
3018-12-0	Dichloroacetonitrile	23	23d	R	233	D(MT)	232	Toxicant
545-06-2	Trichloroacetonitrile	23	23d	R	233	D	232	Toxicant
83463-62-1	Bromochloroacetonitrile	23	23d	No Data		D(MT)	232	Toxicant
3252-43-5	Dibromoacetonitrile	23	23d	No Data		D(MT)	232	Toxicant
79-14-1	Glycolic acid	22	22b	No Data		DTer(MT)	234	Toxicant
625-45-6	Methoxyacetic acid	22	22b	R	235, 236	DTer	235, 236	Toxicant
4324-37-2	2-Methoxypropanoic acid	22	22b	No Data		D(MT)	237	Toxicant
107-98-2	Propylene glycol monomethyl ether	24	24a	No Evidence	238	No Evidence	238	NON-Toxicant
1589-47-5	2-Methoxy-1-propanol	24	24a	No Data		DTer	239	Toxicant
627-03-2	Ethoxyacetic acid	22	22b	R	240	D	240	Toxicant
54497-00-6	n-Propoxyacetic acid	22	22b	No Data		D	241	Toxicant
2516-93-0	n-Butoxyacetic acid	22	22b	No Data		No Evidence	241	NON-Toxicant
104-76-7	2-Ethyl-1-hexanol	25	25b	No Data		DTer(MT)	242	Toxicant
117-81-7	di(2-Ethylhexyl) phthalate	2	2b-3-3	RM	243, 244	D	243, 244	NON-Toxicant
3274-28-0	2-Propylhexanoic acid	22	22c	No Data		DTer	245	Toxicant
3115-28-4	2-Butylhexanoic acid	22	22c	No Data		DTer	245	NON-Toxicant
627-93-0	Dimethyl adipate	22	22d	No Data		DTer	246	Toxicant
141-28-6	Diethyl adipate	22	22d	No Data		DTer	246	Toxicant
106-19-4	Dipropyl adipate	22	22d	No Data		DTer	246	NON-Toxicant
105-99-7	Dibutyl adipate	22	22d	No Data		DTer	246	NON-Toxicant
141-04-8	Diisobutyl adipate	22	22d	No Data		DTer	246	Toxicant
103-23-1	Diocetyl adipate	22	22d	No Data		DTer	246	NON-Toxicant

64-17-5	Ethanol	25	25a	R	247	DTer	247	Toxicant
71-23-8	n-Propanol	25	25a	No Data		D(MT)	248	NON-Toxicant
71-36-3	Butyl alcohol	25	25a	No Data		D(MT)	249, 250	Toxicant
96-31-1	1,3-Dimethylurea	21	21b-1	No Evidence	251	DTer	251-253	NON-Toxicant
61805-96-7	1,3-Dimethylthiourea	21	21b-1	No Data		DTer	252	Toxicant
632-22-4	1,1,3,3-Tetramethylurea	21	21b-1	No Data		DTer	252, 253, 254	Toxicant
2782-91-4	1,1,3,3-Tetramethylthiourea	21	21b-1	No Data		DTer	252, 255	Toxicant
109-46-6	1,3-Dibutyl-2-thiourea	21	21b-1	No data		DTer	256	NON-Toxicant
70-25-7	N-Methyl-N'-nitro-N-nitrosoguanidine	21	21b-1	No Data		DTer	257	Toxicant
3475-63-6	Trimethylnitrosourea	21	21b-1	No Data		DTer	4	Toxicant
684-93-5	N-Nitroso-N-methylurea	21	21b-1	R	259, 260	DTer	258, 259	Toxicant
816-57-9	Propylnitrosourea	21	21b-1	R	261	D	262	Toxicant
50285-72-8	Diethylmethylnitrosourea	21	21b-1	No Data		D	263	Toxicant
632-14-4	N,N',N'-Trimethylurea	21	21b-1	No Data		Dter	4, 264	Toxicant
127-07-1	Hydroxyurea	21	21b-1	R	265, 266	DTer	2	Toxicant
598-52-7	1-Methylthiourea	21	21b-1	No Data		DTer	252, 255, 256, 267	Toxicant
625-53-6	1-Ethylthiourea	21	21b-1	No Data		DTer	252, 255, 256, 267	Toxicant
62-56-6	Thiourea	21	21b-1	R	268	D	268	NON-Toxicant
51-79-6	Ethyl carbamate	21	21b-1	No Data		D	269, 270	Toxicant
627-12-3	Propyl carbamate	21	21b-1	No Data		D	269, 270	Toxicant
5395-01-7	β-Hydroxyethyl carbamate	21	21b-1	No Data		DTer	270	Toxicant
105-58-8	Diethyl carbonate	21	21b-1	No Data		DTer	270	Toxicant
144-54-7	Methyldithiocarbamate	21	21b-1	R	271, 272	D	271, 272	Toxicant
137-26-8	Thiram	19	19a	R	273	DTer	273	NON-Toxicant
97-77-8	Disulfiram	19	19a	No Data		D	274-276	NON-Toxicant
66-27-3	Methyl methanesulfonate	19	19b	R	277, 278	D	277, 278	Toxicant
62-50-0	Ethyl methanesulfonate	19	19b	R	277, 278	D	277, 278	Toxicant
926-06-7	Isopropyl methanesulfonate	19	19b	R	277, 278	D	277, 278	Toxicant
156-72-9	Methyl ethanesulfonate	19	19b	R	279-281	D	281	Toxicant
1912-30-7	Ethyl ethanesulfonate	19	19b	R	279-281	D	279-281	Toxicant
1912-28-3	Methylene dimethanesulfonate	19	19b	R	279-281	D	279-281	Toxicant

15886-84-7	Propylene dimethanesulfonate	19	19b	R	279-281	D	279-281	Toxicant
592-62-1	Methylazoxymethanol acetate	20	20a	No Data		D	282, 283	Toxicant
110-54-3	n-Hexane	20	20b	RM	284	No Evidence	284, 285	NON-Toxicant
591-78-6	2-Hexanone	20	20c	RM	2, 286	No Data		NON-Toxicant
110-13-4	2,5-Hexanedione	20	20d	RM(T)	287	No Data		NON-Toxicant
684-16-2	Hexafluoroacetone	20	20e	R	288, 289	D	288, 289	NON-Toxicant
632-21-3	1,1,3,3-Tetrachloroacetone	20	20e	No Data		D	290	Toxicant
75-26-3	Isopropyl bromide	23	23b	R	291	No Data		Toxicant
106-94-5	1-Bromopropane	23	23b	R	2	No Data		Toxicant
56-23-5	Carbon tetrachloride	23	23a	No Data		D(MT)	292	NON-Toxicant
67-66-3	Chloroform	23	23a	No Data		D	2	NON-Toxicant
75-27-4	Bromodichloromethane	23	23a	R	292, 293	D	293, 294	Toxicant
107-06-2	1,2-Dichloroethane	23	23b	R(T)	295	No Evidence	295	NON-Toxicant
106-93-4	1,2-Dibromoethane	23	23b	RM	296	D(MT)	296	NON-Toxicant
96-12-8	1,2-Dibromo-3-chloropropane	23	23b	RM	2	No Data		Toxicant
96-13-9	2,3-Dibromopropanol	23	23b	No Evidence	297	D	297	Toxicant
96-18-4	1,2,3-Trichloropropane	23	23b	R	298	No Data		Toxicant
151-67-7	Halothane	23	23a	No Data		D	2	Toxicant
76-38-0	Methoxyflurane	23	23b	No Data		D	39	Toxicant
13838-16-9	Enflurane	23	23b	No Data		D	299	Toxicant
28523-86-6	Sevoflurane	23	23a	No Data		D	300	Toxicant
75-01-4	Vinyl chloride	23	23c	No Data		D(MT)	301	NON-Toxicant
87-68-3	Hexachloro-1,3-butadiene	23	23c	R	302	No Data		NON-Toxicant
126-99-8	2-Chloro-1,3-butadiene	23	23c	No Evidence	303	No Evidence	303	NON-Toxicant
75-15-0	Carbon disulfide	24	24a	R	304	D	2, 304	NON-Toxicant
58-73-1	Diphenhydramine HCl	4	4a-2	No Data		D(MT)	305	NON-Toxicant
109-86-4	Ethylene glycol monomethyl ether	24	24a	R	305	D	306	Toxicant
60-29-7	Ether	N/A	N/A	R	39	D	5	Toxicant
142-96-1	DiButyl ether	N/A	N/A	No Evidence	307	D(MT)	307	Toxicant
110-49-6	Ethylene glycol monomethyl ether acetate	24	24a	R	308	D	306	Toxicant
110-80-5	Ethylene glycol monoethyl ether	24	24a	R	309	D	2, 309	NON-Toxicant
110-71-4	1,2-Dimethoxyethane	24	24b	No Data		DTer	306	Toxicant

111-96-6	Diethylene glycol dimethyl ether	24	24b	RM	311	D	311	Toxicant
112-49-2	Triethylene glycol dimethyl ether	24	24b	RM	312	DTer	313	Toxicant
112-36-7	Diethylene glycol diethyl ether	24	24b	No Data		D(MT)	314	Toxicant
112-35-6	Triethylene glycol monomethyl ether	24	24b	RM	315	D	315	Toxicant
111-90-0	Diethylene glycol monoethyl ether	24	24b	No Evidence	316	D(MT)	316	Toxicant
111-15-9	Ethylene glycol monoethyl ether acetate	24	24a	RM	2, 317	DTer	2, 317	Toxicant
112-07-2	Ethylene glycol monobutyl ether acetate	24	24a	R	318	D	318	Toxicant
111-46-6	Diethylene glycol	24	24b	RM	319	D(MT)	319	Toxicant
110-63-4	1,4-Butanediol	24	24a	No Evidence	320	D(MT)	224	Toxicant
51-75-2	Mechlorothamine (Nitrogen mustard)	23	23e	No Data		D	2	Toxicant
55-86-7	Mechlorethamine HCl	23	23e	No Data		D	2	Toxicant
67-56-1	Methanol	25	25a	No Data		DTer	321	NON-Toxicant
75-05-8	Acetonitrile	25	25c	No Data		D	322	NON-Toxicant
107-12-0	Propionitrile	25	25c	No Data		D	322	Toxicant
109-74-0	n-Butyronitrile	25	25c	No Data		D	322	Toxicant
126-98-7	Methacrylonitrile	25	25d	No Data		D	322	Toxicant
109-75-1	Allylnitrile	25	25d	No Data		D	322	Toxicant
25899-50-7	cis-2-Pentenitrile	25	25d	No Data		D	322	NON-Toxicant
107-13-1	Acrylonitrile	25	25d	No Data		D	322	Toxicant
920-37-6	2-Chloroacrylonitrile	25	25d	No Data		D	322	Toxicant
4449-51-8	Cyclopamine	5	5d-1	No Data		D	323, 324	Toxicant
469-59-0	Jervine	5	5d-1	No Data		D	323-325	Toxicant
23185-94-6	Cycloposine	5	5d-1	No Data		D	323, 324	Toxicant
366-93-8	AY-9944	5	5d-2	No Data		D	326, 327	NON-Toxicant
86621-92-3	BM 15766	5	5d-4	No Data		D	326, 327	Toxicant
78-41-1	Triparanol	5	5d-3	No Data		D	326, 327	Toxicant
60-00-4	EDTA	24	24f	No Data		D	328	NON-Toxicant
304-55-2	DMSA	24	24d	No Data		DTer	328	Toxicant
4076-02-2	DMPS	24	24d	No Data		No Evidence	328	Toxicant
52-67-5	DPA	24	24e	No Data		D	328	Toxicant
59-52-9	BAL	24	24d	No Data		D	328	Toxicant
55-98-1	Busulfan	19	19b	R(T)	39	DTer(MT)	39	Toxicant
32222-06-3	Calcitriol	16	16a	RF	329	DTer(MT)	330, 331	Toxicant

67-97-0	Cholecalciferol	16	16a	R	329, 332	DTer(MT)	333-335	Toxicant
41294-56-8	Alfacalcidol	16	16a	No Data		DTer(MT)	330, 331	Toxicant
62571-86-2	Captopril	5	5c-1	No Data		DTer	39, 40	Toxicant
75847-73-3	Enalapril	5	5c-1	No Data		DTer	39	NON-Toxicant
86541-75-5	Benazepril	5	5c-2	No Data		DTer	39	NON-Toxicant
98048-97-6	Fosinopril	1	1c	No Data		DTer	39	Toxicant
76547-98-3	Lisinopril	5	5c-1	No Data		DTer	39	NON-Toxicant
103775-10-6	Moexipril	5	5c-1-1	No Data		DTer	39	Toxicant
82834-16-0	Perindopril	5	5c-1-1	No Data		DTer(MT)	39	NON-Toxicant
139481-59-7	Candesartan	5	5c-3	No Evidence	39	No Evidence	39	NON-Toxicant
137862-53-4	Valsartan	5	5c-3	No Data		D(MT)	39	Toxicant
114798-26-4	Losartan	5	5c-3	No Data		D	39	Toxicant
138402-11-6	Irbesartan	5	5c-3	No Data		D(MT)	39	Toxicant
308064-18-8	Di-Me, Me Ph cyclosiloxanes (PMxMMy)	1	1c-3	R(T)	336	DTer	336, 337	Toxicant
56-33-7	sym-Diphenyltetramethyldisiloxane	1	1c-2	R	338	D	338	Toxicant
27991-60-2	Disiloxane, 1,1,1,3-tetramethyl-3-phenyl-3-vinyl-	1	1c-2	R	338	D	338	Toxicant
35964-68-2	Disiloxane, pentamethyl(2-phenylpropyl)-	1	1c-2	R	338	D	338	Toxicant
27991-58-8	Phenylbis(trimethylsiloxy)silane	1	1c-2	R	338	D	338	Toxicant
797-77-3	Diphenylbis(trimethylsiloxy)silane	1	1c-2	R	338	D	338	Toxicant
17962-31-1	Phenylpentamethylcyclotrisiloxane	1	1c-4	R	338	D	338	Toxicant
17995-19-6	2,4-Diphenyl-2,4,6,6-tetramethylcyclotrisiloxane	1	1c-4	R	338	D	338	Toxicant
31751-59-4	trans-2,2,4,6-Tetramethyl-4,6-diphenylcyclotrisiloxane	1	1c-4	R	338	D	338	Toxicant
10448-09-6	Phenylheptamethylcyclotetrasiloxane	1	1c-4	R	338	D	338	Toxicant
35964-76-2	Cyclotetrasiloxane, heptamethyl(2-methylphenyl)-	1	1c-4	R	338	D	338	Toxicant
33204-77-2	trans-2,6-Diphenylhexamethylcyclotetrasiloxane	1	1c-4	R	338	D	338	Toxicant
33204-76-1	cis-2,6-Diphenylhexamethylcyclotetrasiloxane	1	1c-4	R	338	D	338	Toxicant
17156-72-8	Cyclotetrasiloxane, 2,2,4,4,6,6-hexamethyl-8-phenyl-	1	1c-4	R	338	D	338	Toxicant
17964-44-2	1-Oxa-2,5-disilacyclopentane, 2,5-	1	1c-3	R	338	D	338	Toxicant

4657-20-9	dimethyl-2,5-diphenyl- 2,2,4,6,6,8-Hexamethyl-4,8- diphenylcyclotetrasiloxane	1	1c-4	R	338	D	338	Toxicant
363-24-6	Prostaglandin E2	3	3c	No Data		D	339	NON-Toxicant
551-11-1	Prostaglandin F2	3	3c	No Data		D	340	Toxicant
59122-46-2	Misoprostol	3	3c	RF	341	DTer	342	Toxicant
363-22-4	13,14-dihydro-PGE2	3	3c	No Data		DTer	343	Toxicant
42935-17-1	PGH2	3	3c	No Data		DTer	343	NON-Toxicant
41598-07-6	PGD2	3	3c	No Data		DTer	343	NON-Toxicant
57576-52-0	Thromboxane A2	3	3c	No Data		DTer(MT)	344	NON-Toxicant
53643-48-4	Vindesine	6	6b-3	No Data		D	39, 345	Toxicant
162652-95-1	Vinflunine	6	6b-3	No Data		D	345	Toxicant
124689-65-2	Cryptophycin	6	6b-3	No Data		D	345	NON-Toxicant
147427-91-6	Halichondrin	6	6b-3	No Data		D	345	Toxicant
2998-57-4	Estramustine	6	6b-3	No Data		D	345	Toxicant
82855-09-2	Combretastatin	6	6b-3	No Data		D	345	NON-Toxicant
128-62-1	Noscapine	6	6b-3	No Data		D	345	Toxicant
35846-53-8	Maytansine	6	6b-3	No Data		D	345	NON-Toxicant
90996-54-6	Rhizoxin	6	6b-3	No Data		D	345	Toxicant
149715-96-8	Spongistatin	6	6b-3	No Data		D	345	NON-Toxicant
41451-68-7	Steganacin	6	6b-3	No Data		D	345	Toxicant
20585-97-1	Curacin	6	6b-3	No Data		D	345	NON-Toxicant
57-56-7	Semicarbazide	21	21b-1	No Data		DTer	346	Toxicant
79-19-6	Thiosemicarbazide	21	21b-1	No Data		DTer	347	Toxicant
302-79-4	trans-Retinoic acid	3	3a-1	No Data		D	348	Toxicant
4759-48-2	Isotretinoin	3	3a-1-1	No Data		DTer	349	Toxicant
116-31-4	Retinal	3	3a-1-1	No Data		D	350	Toxicant
68-26-8	Retinol	3	3a-1-1	No Data		DTer	351	Toxicant
38030-57-8	4-Oxotretinoin	3	3a-1-2	No Data		DTer	352	Toxicant
127-47-9	trans-Retinol acetate	3	3a-1-1	No Data		DTer	353	Toxicant
700-06-1	Indole-3-methanol	3	3b-4	R	354	D	354	Toxicant
13523-86-9	Pindolol	5	5b	R	355, 356	D	355, 356	Toxicant
525-66-6	Propanolol	5	5b	RM	357	D	358	Toxicant

29122-68-7	Atenolol	5	5b	No Data		D(MT)	359	Toxicant
37517-30-9	Acebutolol HCl	5	5b	No Data		D(MT)	39	Toxicant
51384-51-1	Metoprolol	5	5b	No Data		D(MT)	39, 356	Toxicant
13655-52-2	2-Propanol, 1-(o-allylphenoxy)-3-(isopropylamino)-	5	5b	No Data		D	356, 360	NON-Toxicant
36894-69-6	Benzamide, 2-hydroxy-5-(1-hydroxy-2-((1-methyl-3-phenylpropyl)amino)ethyl)-	11	11a	No Data		D(MT)	360	Toxicant
42200-33-9	Nadolol	5	5b	No Data		D	361	Toxicant
79-06-1	Acrylamide	21	21a	R	362, 363	D(MT)	362	Toxicant
1187-59-3	N-Methylacrylamide	21	21a	R	364, 365	No Data		Toxicant
2210-25-5	N-Isopropylacrylamide	21	21a	RM	364, 365	No Data		NON-Toxicant
79-39-0	Methacrylamide	21	21a	RM	364, 366	D(MT)	367	Toxicant
110-26-9	Methylenediacrylamide	21	21a	R	368	D	366-368	Toxicant
107-02-8	Acrolein	21	21a	No Evidence	369	D(MT)	369	Toxicant
96-33-3	Methyl acrylate	21	21a	No Data		D(MT)	370, 371	Toxicant
80-62-6	Methyl methacrylate	21	21a	RM	372	No Data		Toxicant
97-63-2	Ethyl methacrylate	21	21a	No Data		D	373	Toxicant
97-86-9	Isobutyl methacrylate	21	21a	No Data		D	40, 373, 374	Toxicant
29964-84-9	Isodecyl methacrylate	21	21a	No Data		D	40, 373, 374	Toxicant
23135-22-0	Oxamyl	21	21b-2	No Evidence	375	D(MT)	375	NON-Toxicant
16752-77-5	Methomyl	21	21b-2	No Evidence	376	No Evidence	376	Toxicant
116-06-3	Aldicarb	21	21b-2	No Data		D(MT)	377	Toxicant
125133-94-0	Piperidine, 1-methyl-2-propyl-	4	4a-3	No Data		DTer	378	NON-Toxicant
1604-01-9	Pyridine, 2,3,4,5-tetrahydro-6-propyl-	4	4a-3	No Data		DTer	378	NON-Toxicant
458-88-8	Piperidine, 2-propyl-, (2S)-	4	4a-3	No Data		DTer	379	NON-Toxicant
494-15-5	Ammodendrine	4	4a-3	No Data		DTer	379	Toxicant
494-52-0	Anabasine	4	4a-3	No Data		DTer	379	Toxicant
3471-05-4	Anabaseine	4	4a-3	No Data		DTer	379	Toxicant
123441-03-2	Rivastigmine	4	4b-1	No Data		D(MT)	355	NON-Toxicant
82560-54-1	Benfuracarb	4	4b-1	R	380	D	380	Toxicant
72490-01-8	Fenoxycarb	4	4b-2	R	381	D	381	NON-Toxicant
55285-14-8	Carbosulfan	4	4b-1	R	382	D	382	Toxicant
29973-13-5	Ethiofencarb	4	4b-1	R	383	No Evidence	383	Toxicant

23103-98-2	Pirimicarb	4	4b-1	No Evidence	384	D(MT)	384	Toxicant
22781-23-3	Bendiocarb	4	4b-1	No Data		D	385	Toxicant
2425-10-7	Xylylcarb	4	4b-1	No Data		D	386	Toxicant
2032-65-7	Methiocarb	4	4b-1	No Data		D	387	NON-Toxicant
2032-59-9	Aminocarb	4	4b-1	No Data		D	388	Toxicant
1563-66-2	Carbofuran	4	4b-1	RM	390	D	389	Toxicant
315-18-4	Mexacarbate	4	4b-1	No Data		D	390	Toxicant
114-26-1	Propoxur	4	4b-1	No Evidence	391	D(MT)	391, 392	Toxicant
63-25-2	Carbaryl	4	4b-1	RM	393	DTer	393	Toxicant
307-35-7	Perfluorooctylsulfonfyl fluoride	19	19c	No Data		D	394	NON-Toxicant
	1-Octanesulfonamide, N-ethyl-	19						
1691-99-2	1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-(2-hydroxyethyl)-		19c	No Data		D	394, 395	Toxicant
2795-39-3	Potassium perfluorooctanesulfonate	19	19c	No Data		D	396, 397	NON-Toxicant
29457-72-5	Lithium perfluorooctane sulfonate	19	19c	No Data		D(MT)	398, 399	NON-Toxicant
123-91-1	1,4 Dioxane	17	17c	No Data		D(MT)	400	Toxicant
4998-76-9	Cyclohexylamine, hydrochloride	17	17c	RM	401	D	402	Toxicant
108-91-8	Cyclohexylamine	17	17c	RM	403	D	404	Toxicant
110-85-0	Piperazine	17	17c	RF(T)	405	DTer(MT)	405	NON-Toxicant
18507-89-6	Decoquinat	14	14b-2-1	No Evidence	406	D	406	Toxicant
389-08-2	Nalidixic acid	14	14b-2-1	No Data		D	39	Toxicant
98106-17-3	Difloxacin	14	14b-2-2	No Data		D	407	Toxicant
82419-36-1	Ofloxacin	14	14b-2-2	No Data		D	408	Toxicant
147059-72-1	Trovafloxacin	14	14b-2-2	No Data		D	39	Toxicant
112398-08-0	Danofloxacin	14	14b-2-2	No Data		D(MT)	409	Toxicant
93106-60-6	Enrofloxacin	14	14b-2-2	RM		D	410	Toxicant
85721-33-1	Ciprofloxacin	14	14b-2-2	No Data		D	411, 412	Toxicant
115550-35-1	Marbofloxacin	14	14b-2-2	R	412	D	413	Toxicant
100986-85-4	Levofloxacin	14	14b-2-2	No Evidence	39	D	414	Toxicant
42835-25-6	Flumequine	14	14b-2-2	No Evidence	414	D	415	Toxicant

Reproductive Toxicity Effect Codes	
<i>Code</i>	<i>Definition</i>
R	Changes in reproductive function or fertility in both sexes
RM	Male reproductive toxicity
RF	Female reproductive toxicity
R(T)	Changes in reproductive function/fertility only occurred at doses where there was significant toxicity on other organ systems
RM(T)	Changes in reproductive function/fertility in males only occurred at doses where there was significant toxicity on other organ systems
RF(T)	Changes in reproductive function/fertility in females only occurred at doses where there was significant toxicity on other organ systems
No Evidence	No changes in reproductive function or fertility reported in studies evaluating those endpoints
No Data	No relevant studies identified

Developmental Toxicity Effect Codes	
<i>Code</i>	<i>Definition</i>
D	For adverse effects on the fetus during pregnancy or those occurring during the perinatal period
D(MT)	Developmental effects only occur in the presence of maternal toxicity
DTer	Spectrum of developmental toxicity endpoints observed include structural malformations
DTer(MT)	Structural malformation only occurred in the presence of maternal toxicity
No Evidence	No adverse effects on the fetus during pregnancy or during the perinatal period reported in studies evaluating those endpoints
No Data	No relevant studies identified

Reference

Ref

- 1 Golub, M. Ed. (2006) *Metals, Fertility, and Reproductive Toxicity*, CRC Press, Taylor & Francis Group, Boca Raton, FL.
- 2 California Proposition 65, http://oehha.ca.gov/prop65/prop65_list/Newlist.html.
- 3 Bristol-Myers Squibb Company (2007) Ifex Package Insert, http://bdipharma.com/Package%20Insert/Baxter/IFEX_ifosfamide_07-2007.pdf.
- 4 Schardein, J. L. (2000) *Chemically Induced Birth Defects*, Marcel Dekker, Inc., New York.
- 5 Hazardous Substances Data Bank, <http://toxnet.nlm.nih.gov/cgi-bin/sis/search/f?./temp/~CGwCD3:1>.
- 6 ATSDR (Agency for Toxic Substances and Disease Registry) (2004) *Toxicological profile for polybrominated biphenyls and polybrominated diphenyl ethers*, Atlanta, GA.
- 7 ATSDR (Agency for Toxic Substances and Disease Registry) (2000) *Toxicological profile for polychlorinated biphenyls (PCBs)*, Atlanta, GA.
- 8 Rosiak, K., Li, M. H., Degitz, S. J., Skalla, D. W., Chu, I., and Francis, B. M. (1997) Maternal and developmental toxicity of polychlorinated diphenyl ethers (PCDEs) in Swiss-Webster mice and Sprague-Dawley rats. *Toxicology* 121, 191–204.
- 9 Magnus Francis, B. (1986) Role of structure in diphenyl ether teratogenesis. *Toxicology* 40, 297-309.

Francis, B. M. (1990) Relative teratogenicity of nitrogen analogs in mice, unchlorinated, monochlorinated, and dichlorinated-phenyl ethers. *Teratology* 41, 443-451.

Francis, B. M., Metcalf, R. L., Lewis, P. A., and Chernoff, N. (1999) Developmental toxicity of halogenated nitrodiphenyl ethers in mice. *Teratology* 59, 69–80.

Maślankiewicz, E., Hulzebos, M., Vermeire, T., Müller, J. and Piersma, A. (2005) Can chemical structure predict reproductive toxicity? *RIVM report 601200005/2005*.

Marks, T. A., Ledoux, T. A., and Moore, J. A. (1982) Teratogenicity of a commercial xylene mixture in the mouse. *J. Toxicol. Environ. Health*. 9, 97-105.

Japan Existing Chemicals Database, http://dra4.nihs.go.jp/mhlw_data/jsp/SearchPageENG.jsp.

Bornatowicz, N., Antes, A., Winker, N., and Hofer, H. (1994) Two-generation reproduction toxicity study with 1,4-dichlorobenzene in rats. *Wien Klin Wochenschr*. 106, 345-353.

Farag, A. T., Karkour, T. A. Z., and El Okazy, A. (2006) Embryotoxicity of oral administered chlorothalonil in mice. *Birth Defects Res., Part B* 77, 104-109.

Kitchin, K. T., and Ebron, M. T. (1983) Maternal hepatic and embryonic effects of 1,2,4-trichlorobenzene in the rat. *Environ. Res.* 31, 362-373.

Price, C. J., Tyl, R. W., Marks, T. A., Paschke, L. L., Ledoux, T. A., and Reel, J. R. (1985) Teratologic evaluation of dinitrotoluene in the Fischer 344 rat. *Fundam. Appl. Toxicol.* 5, 948-961.

Christian, M. S., Parker, R. M., Hoberman, A. M., Diener, R. M., and Api, A. M. (1999) Developmental toxicity studies of four fragrances in rats. *Toxicol Lett.* 111, 169-74.

Byrd, R. A., and Markham, J. (1990) Developmental toxicity of dinitroanilines I. Trifluralin. *Teratology* 41, 542-543.

European Commission Joint Research Centre (2003) *European Union Risk Assessment Report Diphenyl Ether, Octabromo Derivative*, Brussels, Belgium.

Hardy, M. (2002) The toxicology of the three commercial polybrominated diphenyl oxide (ether) flame retardants. *Chemosphere* 46, 757-777.

WHO (World Health Organization) (2010) *Pesticide Residues In Food II Toxicological Evaluations*, Joint Meeting of the FAO Panel Of Experts On Pesticide Residues In Food And The Environment and the WHO Core Assessment Group On Pesticide Residues, Geneva, Switzerland.

FAO (Food and Agricultural Organization of the United Nations) (2011) *Rotterdam Convention- Operation of the Prior Informed Consent Procedure for Banned or Severely Restricted Chemicals Decision Guidance Documents Binapacryl*, Rome, Italy.

U.S. EPA (2010) *Oral (Gavage) One-Generation Reproduction Study of Cyclamen Aldehyde in Rats With an Evaluation Through Sexual Maturation in the F1 Generation*, TSCA 8E HQ10-17998, Washington, DC.

RIFM (Research Institute for Fragrance Materials) (2010) *BMHCA-Like Materials Update*, http://www.rifm.org/newsm/indnews_detail.asp?id=35.

ECHA (European Chemicals Agency) (2010) *Proposal For Harmonised Classification And Labelling Substance Name, 4-tert-Butylbenzoic acid*, Helsinki, Finland.

Bernstein, M. E. (1984) Agents affecting the male reproductive system, effects of structure on activity. *Drug Metab. Rev.* 15, 941-996.

European Chemicals Bureau ESIS (European Substance Information System) (2012), <http://ecb.jrc.ec.europa.eu/esis/>.

Smith, F.A., Murray, F. J., John, J. A., Nitschke, K. D., Kociba, R. J. and Schwetz, B. A. (1981) Three-generation reproduction study of rats ingesting 2,4,5-trichlorophenoxyacetic acid in the diet. *Fd. Cosmetic Toxicol.* 19, 41-45.

U.S. EPA Integrated Risk Information System (IRIS) *Summary 2,4,5-Trichlorophenoxyacetic acid*, <http://www.epa.gov/IRIS/> (Accessed February, 2012).

U.S. EPA (2005) *2, 4-D Reregistration Eligibility Decision*, Washington, DC.

U.S. EPA (2005) *2,4-D HED's Revised Human Health Risk Assessment for the Reregistration Eligibility Decision (RED) Revised to Reflect Public Comments*, Washington, DC.

U.S. EPA (2007) *Reregistration Eligibility Decision for Mecoprop-p*, Washington, DC.

Magoulas, G., Bariamis, S., Athanassopoulos, C., Haskopoulos, A., Dedes, P., Krokidis, M., Karamanos, N., Kletsas, D., Papaioannou, D., and Maroulis, G. (2011) Syntheses, antiproliferative activity and theoretical characterization of acitretin-type retinoids with changes in the lipophilic part. *Eur. J. Med. Chem.* 46, 721-737.

Williams, K. J., Ferm, V. H., and Willhite, C. C. (1984) Teratogenic dose-response relationships of etretinate in the golden hamster. *Fundam. Appl. Toxicol.* 4, 977-982.

37 Pignatello, M. A., Kauffman, F. C., and Levin, A. A. (1997) Multiple factors contribute to the toxicity of the aromatic retinoid, TTNPB (Ro 13-7410), binding affinities and disposition. *Toxicol. Appl. Pharmacol.* 142, 319-327.

38 Willhite, C. C., Dawson, M. I., and Reichert, U. (1996) Receptor-selective retinoid agonists and teratogenic activity. *Drug Metab. Rev.* 28, 105-119.

39 ReproRisk REPRORISK® System CD-ROM (2011) Thomson Reuters (Healthcare) Inc. Version 5.1, New York.

40 Shepard, T. (2010) Shepard's, A Catalog of Teratogenic Agents Online, <http://depts.washington.edu/terisweb/teris/>.

41 U.S. EPA (1998) *Reregistration Eligibility Decision Ipordione*, Washington, DC.

42 Biddle, F. G. (1975) Teratogenesis of acetazolamide in the CBA/J and SWV strains of mice. I. Teratology. *Teratology* 11, 31-36.

43 Wilson, J. G., Maren, T. H., Takano, K., and Ellison, A. (1968) Teratogenic action of carbonic anhydrase inhibitors in the rat. *Teratology* 1, 51-60.

44 Kato, T., and Kitagawa, S. (1973) Production of congenital anomalies in fetuses of rats and mice with various sulfonamides. *Congenital Anomalies* 13, 7-15.

45 Barilyak, I. R. (1965) Comparison of the effects produced by oranil and cyclamide on the embryogenesis in albino rats. *Farmakologiya i Toksikologiya (Moscow)*. 28, 616-621.

46 WHO (World Health Organization) (2003) *Chlorotoluron In Drinking Water*, Geneva, Switzerland.

47 California EPA (2002) *Evidence on The Developmental and Reproductive Toxicity of Diuron*, Sacramento, CA.

48 U.S. EPA (1995) *Reregistration Eligibility Decision (RED) Linuron*, Washington, DC.

49 Matthiaschk, G., and Roll, R. (1977) Studies on the embryotoxicity of monolinuron and buturon in NMRI-mice. *Arch. Toxicol.* 38, 261-274.

50 U.S. EPA (2000) *Reregistration eligibility decision for vinclozolin*, Washington, DC.

51 FAO (Food and Agricultural Organization of the United Nations) (2001) *FAO specifications and evaluations for plant protection products Procymidone n-(3,5-dichlorophenyl)-1,2-dimethylcyclopropane-1,2-dicarboximide*, Rome, Italy.

52 European Commission (2000) *IUCLID Dataset for 34123-59-6*, http://esis.jrc.ec.europa.eu/doc/IUCLID/data_sheets/34123596.pdf.

53 Vinggaard, A. M., Niemela, J., Wedebye, E. B., and Jensen, G. E. (2008) Screening of 397 chemicals and development of a quantitative structure-activity relationship model for androgen receptor antagonism. *Chem. Res. Toxicol.* 21, 813-823.

54 U.S. EPA (2004) *Pesticide Fact Sheet Cyazafamid*, Washington, DC.

55 European Commission Scientific Committee on Health and Environmental Risks (2003) *Review report for the Active Substance fenamidone SANCO/1404/2001-Final*, Brussels, Belgium.

56 SCCP (Scientific Committee on Consumer Products) (2005) Opinion on Climbazole, http://ec.europa.eu/health/ph_risk/committees/04_sccp/sccp_opinions_en.htm.

57 U.S. EPA (1991) *Triflumizole (Terraguard, Procure) EPA Pesticide Fact Sheet*, Washington, DC.

58 EFSA (European Food Safety Authority) (2011) Conclusion on the peer review of the pesticide risk assessment of the active substance triazoxide. *EFSA J.* 9, 2018.

59 European Agency for the Evaluation of Medicinal Products (1998) *Enilconazole Summary Report*, London, England.

60 WHO (World Health Organization) (1992) *Propham, Pesticide Residues In Food, 1992 Evaluations Part II Toxicology*, Geneva, Switzerland.

61 European Commission Scientific Committee on Health and Environmental Risks (2001) *Opinion of the Scientific Committee on Plants Regarding the Evaluation of Benomyl, Carbendazim, and Thiophanate-Methyl in the Context of Council Directive 91/414/EEC Concerning the Placing of Plant Protection Products on the Market*, Brussels, Belgium.

62 European Agency for the Evaluation of Medicinal Products, Committee for Veterinary Medicinal Products (Undated) *Oxfendazole, Febenzidole, Febantel Summary Report*, London, England.

63 California EPA (2001) *Thiabendazole Risk Characterization Document*, Sacramento, CA.

64 European Agency for the Evaluation of Medicinal Products, Committee for Veterinary Medicinal Products (2001) *Mebendazole*. EMEA//MRL/781/01-Final, London, England.

65 WHO (World Health Organization) (Undated) *Food Additives Series 25. Albendazole*, Geneva, Switzerland.

66 WHO (World Health Organization) (1993) *Evaluation of Certain Veterinary Drug Residues in Food*, Geneva, Switzerland.

67 Haruo, Y. (1987) Teratogenicity of flubendazole in rats. *Toxicology* 43, 133-138.

68 Barcellona, P. S., Barale, R., Campana, A., Zucconi, D., Rossi, V., and Caranti, S. (1987) Correlations between embryotoxic and genotoxic effects of phenytoin in mice. *Teratog. Carcinog., Mutagen.* 7, 159-168.

69 Wells, P. G., Kupfer, A., Lawson, J. A., and Harbison, R. D. (1982) Relation of in vivo drug metabolism to stereoselective fetal hydantoin toxicology in mouse, evaluation of mephentyoin and its metabolite, nirvanol. *J. Pharmacol. Exp. Ther.* 221, 228-234.

70 GlaxoSmithKline (Undated) Alkeran Package Insert, http://www.accessdata.fda.gov/drugsatfda_docs/label/2011/014691s029lbl.pdf.

71 Generoso, W. M., Witt, K. L., Cain, K. T., Hughes, L., Cacheiro, N. L. A., Lockhart, A. M. C., and Shelby, M. D. (1995) Dominant lethal and heritable translocation tests with chlorambucil and melphalan in male mice. *Mutat. Res.* 345, 167-180.

72 Beaudoin, A. (1968) Teratogenic activity of six disazo dyes in the Wistar Albino rat. *Proc. Soc. Exp. Biol. Med.* 127, 215-219.

73 Gray, J., and Ostby, J. S. (1993) The effects of prenatal administration of azo dyes on testicular development in the mouse, a structure activity profile of dyes derived from benzidine, dimethylbenzidine, or dimethoxybenzidine. *Fundam. Appl. Toxicol.* 20, 177-183.

74 Gray, L. E. Jr., Ostby, J. S., Kavlock, R. J., and Marshall, R. (1992) Gonadal effects of fetal exposure to the azo dye congo red in mice, infertility in female but not male offspring. *Fundam. Appl. Toxicol.* 19, 411-422.

75 Thiersch, J. (1964) The effect of substituted 2,4-diaminopyrimidines on the rat fetus in utero. *Int. Congr. Chemother. Proc.* 1963, 367-372.

76 Stephan-Guldner, M. (1993) Preclinical toxicology and safety pharmacology of brodimoprin in comparison to trimethoprim and analogs. *J. Chemother.* 5, 400-410.

77 Denno, K. M. and Sadler, T. W. (1990) Phenylalanine and its metabolites induce embryopathies in mouse embryos in culture. *Teratology* 42, 565-570.

78 Vorhees, C., Herring, N. R., Schaefer, T. L., Skelton, M. R., Grace, C. E., Skelton, M. R., Johnson, H. L., and Williams, M. T. (2008) Developmental methamphetamine effects of dose and rearing conditions on later path integration and spatial learning. *Int. J. Dev. Neurosci.* 26, 599-610.

79 Sleet, R. B., George, J. D., Price, C. J., Marr, M. C., Kimmel, C. A., and Schwetz, B. A. (1987) Conceptus development in mice and rats exposed to alpha-methyl dopa. *Toxicologist* 7, 1.

80 WHO (World Health Organization) (Undated) *Chloramphenicol*, Geneva, Switzerland.

81 WHO (World Health Organization) (2013) *Thaimphenicol*, Geneva, Switzerland.

82 Wilk, A., Steffek, A., and King, C. (1970) Norchlorcyclizine analogs, relationship of teratogenic activity to in vitro cartilage binding. *J. Pharmacol. Exp. Ther.* 171, 118-126.

83 Posner, H. S., and Darr, A. (1970) Fetal edema from benzhydrylpiperazines as a possible cause of oral-facial malformations in rats. *Toxicol. Appl. Pharmacol.* 17, 67-75.

84 Lloyd, J. B., and Beck, F. (1966) The relationship of chemical structure to teratogenic activity among bisazo dyes, a re-evaluation. *J. Embryol. Exp. Morphol.* 16, 29-39.

85 Izumi, T. (1962) Development anomalies in offspring of mice induced by administration of several aminoazobenzene derivatives during pregnancy. *Kaibogaku Zasshi* 7, 179-205.

86 Kotb, M. (1972) Damaging effect of a structural analog of the antimalarial drug chloridine (IEM-684) at different stages of embryogenesis in albino rats. *Arkiv Anatomii, Gistologii Embriologi* 62, 88-96.

87 Khromov Borisov, N. V., Dyban, A. P., Tikhodeeva, I. I., and Chebotar, N. A. (1976) Features distinguishing the chemical structure of the analogues of the antimalarial drug chloridine (perimethamine) determining their teratogenous properties (Russian). *Farmakologiya i Toksikologiya* 39, 341-346.

88 Dethloff, L., and Watkins, J. (1992) Chronic toxicity of the anticancer agent trimetrexate in rats. *Fundam. Appl. Toxicol.* 19, 6-14.

89 U.S. FDA (1993) *Final Printed Labeling for the Drug Trimetrexate Glucuronate*, Washington, DC.

90 Epstein, D. L., Raab, D. M., Melando, A. R., Hazelette, J. R., Yau, E. T., and Traina, V. M. (1992) Edatrexate, intravenous teratology (segment II) studies in rats and rabbits. *Teratology* 45, 471.

91 Anonymous (1992) *Test Plan Submission for 1-H, 1,2,4-Triazole CAS 288-88-0*, US EPA HPV Challenge Program, www.epa.gov/hpv/pubs/summaries/1h124triazole/c16804.pdf.

92 Umano, T., Shiraishi, K., Minobe, Y., and Yamasaki, K. (2009) Uterotrophic assay, Hershberger assay and subacute oral toxicity study of 3-amino-1,2,4-triazole based on the Organization for Economic Co-operation and Development draft protocols. *Arch. Toxicol.* 83, 459-467.

93 EC Directorate-General Health & Consumer Protection (2001) *Review report for the active substance amitrole. 6839/VI/97-final*, http://ec.europa.eu/food/plant/protection/evaluation/existactive/list1_amitrol_en.pdf.

94 ECHA (European Chemicals Agency) (2011) *Committee for Risk Assessment (RAC) Opinion on Certain Scientific Study Plans in Relation to Epoxiconazole*, Helsinki, Finland.

95 de Castro, V.L. and Maia, A.H. (2012) Prenatal epoxiconazole exposure effects on rat postnatal development. *Birth Defects Res., Part B* 95, 123-129.

96 Goetz, A. K., Ren, H., Schmid, J. E., Blystone, C. R., Thillainadarajah, I., Best, D. S., Nichols, H. P., Strader, L. F., Wolf, D. C., Narotsky, M. G., Rockett, J. C., and Dix, D. J. (2007) Disruption of testosterone homeostasis as a mode of action for the reproductive toxicity of triazole fungicides in the male rat. *Toxicol. Sci.* 95, 227-239.

97 Machera, K. (1995) Developmental toxicity of cyproconazole, an inhibitor of fungal ergosterol biosynthesis, in the rat. *Bull. Environ. Contam. Toxicol.* 54, 363-369.

98 Moser, V. C., Barone, S. Jr., Smialowicz, R. J., Harris, M. W., Davis, B. J., Overstreet, D., Mauney, M., and Chapin, R. E. (2001) The effects of perinatal tebuconazole exposure on adult neurological, immunological, and reproductive function in rats. *Toxicol. Sci.* 62, 185-186.

99 WHO (World Health Organization) (1994) *Tebuconazole, Pesticide Residues In Food, 1994 Evaluations Part II Toxicology*, Geneva, Switzerland.

100 WHO (World Health Organization) (1995) *Flusilazole, Pesticide residues in food, 1995 evaluations Part II Toxicological & Environmental Evaluation*, Geneva, Switzerland.

101 European Commission Scientific Committee on Food (2002) *Opinion of the Scientific Committee on Food on the risks to human health of Polycyclic Aromatic Hydrocarbons in food SCF/CS/CNTM/PAH/29 Final*, http://ec.europa.eu/food/fs/sc/scf/index_en.html.

102 Moon, H. J., Seok, J., Kim, S., Rhee, G., Lee, R., Yang, J., Chae, S., Kim, S., Kim, J., Chung, J-Y., Kim, J-M, and Chung, S. (2009) Lactational coumestrol exposure increases ovarian apoptosis in adult rats. *Arch. Toxicol.* 83, 601-608.

103 Smith, R. L., Fabro, S., Schumacher, H. and Williams, R. (1965) Studies on the relationship between the chemical structure and embryotoxic activity of thalidomide and related compounds. *Symp. Embryopathic Act. Drugs.* 194-209.

104 McNulty, W., and Wuest, H. (1971) Teratogeny of a thalidomide analog in Rhesus monkeys. *Proc. Int. Congr. Primatol.* 2, 238-245.

105 Heger, W., Schmahl, H. J., Klug, S., Felies, A., Nau, H., Merker, H. J., and Neubert, D. (1994) Embryotoxic effects of thalidomide derivatives in the non-human primate *Callithrix jacchus*. IV. Teratogenicity of µg/kg doses of the EM12 enantiomers. *Teratog., Carcinog., Mutagen.* 14, 115-122.

106 Nogueira, A. C., Neubert, R., Felies, A., Jacob-Muller, U., Frankus, E., and Neubert, D. (1996) Thalidomide derivatives and the immune system. 6. Effects of two derivatives with no obvious teratogenic potency on the pattern of integrins and other surface receptors on blood cells of marmosets. *Life Sci.* 58, 337-348.

107 Helm, C. F., Frankus, E., and Friderichs, E. (1981) Comparative teratological investigation of compounds structurally and pharmacologically related to thalidomide. *Arzneim. Forsch.* 31, 941-949.

108 Koehler, F., Ockenfels, H., Meise, W. (1973) Teratogenicity of N-phthalylglycine and 4-phthalimidobutyric acid. *Pharmazie* 28, 680-681.

109 European Medicines Agency (EMA) (2008) *Withdrawal Assessment Report for Lenalidomide*, London, England.

110 Hendrickx, A. G., and Helm, C. (1980) Nonteratogenicity of a structural analog of thalidomide in pregnant baboons (*Papio cynocephalus*). *Teratology* 22, 179-182.

111 General Electric (2005) *U.S. High Production Volume Chemical Challenge Program Robust Summary N-Methylphthalimide (CAS RN 550-44-7)*,
<http://www.epa.gov/hpv/pubs/summaries/nmethyhp/c14220tp.pdf>.

112 U.S. EPA (1986) *Rabbit Teratology Study 4-NPI Final Report*, FYI-OTS-0282-0170, Washington, DC.

113 European Commission (2000) *IUCLID Data Set 85-41-6*, http://esis.jrc.ec.europa.eu/doc/IUCLID/data_sheets/85416.pdf.

114 Klug, S., Felies, A., Sturje, H., Nogueira, A. C., Neubert, R., and Frankus, E. (1994) Embryotoxic effects of thalidomide derivatives in the non-human primate *Callithrix jacchus*. 5. Lack of teratogenic effects of phthalimidophthamide. *Arch. Toxicol.* 68, 203-205.

115 Ockenfels, H., Koehler, F., and Meise, W. (1977) Teratogenic effect of N-phthaloyl-L-aspartic acid on the mouse. *Arzneim. Forsch.* 27, 126-128.

116 NTP (National Toxicology Program) (1992) *Reproductive Toxicity of Diazepam (CAS No. 439-14-5) in CD Sprague-Dawley Rats*, NTP Report RACB90014, Research Triangle Park, NC.

117 Morrissey, R. E., Tyl, R. W., Price, C. J., Ledoux, T. A., Reel, J. R., Paschke, L. L., Marr, M. C., and Kimmel, C. A. (1986) The developmental toxicity of orally administered oxytetracycline in rats and mice. *Fundam. Appl. Toxicol.* 7, 434-443.

118 Beltram, D., Longo, M., Meroni, P. L., and Mazue, G. (1998) Re-examination of the potential teratogenicity of epirubicin, an anthracycline anticancer derivative of doxorubicin. *Teratology* 58, 21A.

119 Thompson, D. J., Molello, J. A., Strebing, R. J., and Dyke, I. L. (1978) Teratogenicity of adriamycin and daunomycin in the rat and rabbit. *Teratology* 17, 151-157.

120 Chung, M. K., Kim, J. C., and Kim, K. H. (1999) Testicular cytotoxicity of DA-125, a new anthracycline anticancer agent, in rats. *Teratology* 59, 415.

121 Hoberman, A. M., Chambers, J. D., Tata, P., and York, R. G. (2003) Fertility and peri/postnatal toxicity studies in rats with orally administered hydrocodone bitartrate (HB). *Reprod. Toxicol.* 17, 495.

122 York, R. G., Hoberman, A. M., Chambers, J. D., and Tata, P. (2003) Developmental toxicity studies in rats and rabbits with orally administered hydrocodone bitartrate (HB). *Reprod. Toxicol.* 217, 507.

123 Shuey, D. L., Carliss, R. D., Stump, D. G., and Gerson, R. J. (2004) Reproductive and developmental toxicity studies with oxymorphone, a potent opioid analgesic. *Birth Defects Res. Part A* 70, 311.

124 Nuite, J. A., Smith, S., Kennedy, G. L., Keplinger, M. L., and Calandra, J. C. (1975) Reproductive, teratogenic, perinatal and postnatal studies with cyclazocine. *Toxicol. Appl. Pharmacol.* 31, 534-543.

125 Fukawa, K., Sawabe, T., Kawano, O., Hatanaka, Y., Tauchi, K., Kawanishi, H., and Saito, S. (1978) The study of developmental pharmacology (I). Effect of pentazocine HCl on the physiology of rats given the drug during perinatal and postnatal periods. *Folia Pharmacol. Jpn.* 74, 111-128.

126 Niggeschulze, A. and Palmer, A. K. (1976) Reproductive toxicological investigations with ipratropiumbromide. *Arzneim. Forsch.* 26, 989-992.

127 NTP (National Toxicology Program) (1987) *Scopolamine Hydrobromide (CAS NO. 114-49-8) Administered to CD Rats on Gestational Days 6 Through 15*, NTP Study TER85106, Research Triangle Park, NC.

128 Kagiwada, K., Ishizaki, O., and Saito, G. (1973) Effects of glycopyrrolate on pre- and post-natal development of the offspring of pregnant mice and rats. *Oyo Yakuri* 7, 617-626.

129 Zielinsky, P., Piccoli, A. L., Manica, J. L. L., and Nicoloso, L. H. S. (2010) New insights on fetal ductal constriction, role of maternal ingestion of polyphenol-rich foods. *Expert Rev. Cardiovasc. Ther.* 8, 291-298.

130 Momma, K., Hagiwara, H., and Konishi, T. (1984) Constriction of fetal ductus arteriosus by non-steroidal anti-inflammatory drugs, study of additional 34 drugs. *Prostaglandins* 28, 527-536.

131 Correa, L. M., Nakia, M., Strandgaard, C. S., Hess, R. A., and Miller, M. G. (2002) Microtubules of the mouse testis exhibit differential sensitivity to the microtubule disruptors carbendazim and colchicine. *Tox. Sci.* 9, 175-182.

- 132 Chang, L., Yang, C., Chen, C., and Deng, J. (1992) Experimental podophyllotoxin (bajiaolian) poisoning, II. Effects on the liver, intestine, kidney, pancreas and testis. *Biomed. Environ. Sci.* 5, 293-302.
- 133 Jagetia, G. C., Krishnamurthy, H., and Jyothi, P. (1996) Evaluation of cytotoxic effects of different doses of vinblastine on mouse spermatogenesis by flow cytometry. *Toxicology* 112, 227-236.
- 134 Akbarsha, M. A., Averal, H. I., Girija, R., Anandhi, S., and Faridha, B. A. (2000) Male reproductive toxicity of vincristine, ultrastructural changes in the epididymal epithelial apical cell. *Cytobios* 102, 85-93.
- 135 Turbow, M. and Chamberlain, G. (1968) Direct effects of 6-aminonicotinamide on the developing rat embryo in vitro and in vivo. *Teratology* 1, 103-108.
- 136 Chen, M., Tang, T., Liao, Z., Pan, X., Feng, Y. H., and Wang, H. (2007) Nicotine-induced prenatal overexposure to maternal glucocorticoid and intrauterine growth retardation in rat. *Exp. Toxicol. Pathol.* 59, 245-251.
- 137 Lu, L., Mamiya, T., Lu, P., Toriumi, K., Mouri, A., Hiramatsu, M., Kim, H. C., Zou, L. B., Nagai, T., and Nabeshima, T. (2010) Prenatal exposure to phencyclidine produces abnormal behaviour and NMDA receptor expression in postpubertal mice. *Int. J. Neuropsychopharmacol.* 213, 877-889.
- 138 NTP (National Toxicology Program) (1983) *Teratologic Evaluation Of Gentian Violet (Cas No. 548-62-9) In New Zealand White Rabbits*, NTP Study TER82080, Research Triangle Park, NC.
- 139 EFSA (European Food Safety Authority) (2010) *Scientific Opinion on the re-evaluation of Brilliant Blue FCF (E 133) as a food additive*. *EFSA J.* 8, 1853.
- 140 EFSA (European Food Safety Authority) (2010) *Scientific Opinion on the re-evaluation of Green S (E 142) as a food additive*. *EFSA J.* 8, 1851.
- 141 WHO (World Health Organization) (2000) *Toxicological Evaluation of Certain Veterinary Drug Residues In Food*, Geneva, Switzerland.
- 142 Akiyoshi, M., Yano, S., Tajima, T., Matsuzaki, M., Akutsu, S., Kishimoto, K., and Maeda, M. (1977) Ototoxic effects of Bb-K 8 administered to pregnant guinea pigs on development of inner ear of intrauterine litters. *Jpn. J. Antibiot.* 30, 185-196.
- 143 Sasaki, M., Kawaguchi, K., Yamada, H., Kobayashi, Y., and Yamamoto, H. (1986) Effect of isepamicin (HAPA-B) on reproduction. I. Fertility study in rats (intramuscular administration). *Jpn. J. Antibiot.* 39, 3283-3290.
- 144 Iwasaki, M., Serizawa, K., and Suzuki, T. (1987) Metabolic fate of 14C-isepamicin sulfate (14C-HAPA-B) in rats. III. Placental transfer and excretion into milk. *Jpn. J. Antibiot.* 40, 259-266.
- 145 Kitasato, I., Yokota, M., Inouye, S., and Igarashi, M. (1990) Comparative ototoxicity of ribostamycin, dactimicin, dibekacin, kanamycin, amikacin, tobramycin, gentamicin, sisomicin and netilmicin in the inner ear of guinea pigs. *Chemotherapy* 36, 155-168.
- 146 Bamonte, F., Albiero, L., and Ongini, E. (1979) Reproductive and teratological studies with a new aminoglycoside, Netilmicin (Sch 20569). *Acta Pharmacologica et Toxicologica* 45, 145-151.
- 147 Mallie, J. P., Coulon, G., Billerey, C., Faucourt, A., and Morin, J. P. (1988) In utero aminoglycosides-induced nephrotoxicity in rat neonates. *Kidney Int.* 33, 36-44.
- 148 Kawasaki, J., Yamada, Y., Takei, T., and Akiyoshi, M. (1982) Ototoxicity study of netilmicin in pregnant guinea pigs and the embryo. *Jpn. J. Antibiot.* 35, 1553-1561.
- 149 Esaki, K., Ohshio, K., and Yoshikawa, K. (1978) Effects of subcutaneous administration of sisomicin on reproduction in mice. I. Experiments on drug administration before and in the early days of pregnancy. *Jitchuken Zenrinsho Kenkyuho* 4, 149-156.
- 150 Esaki, K., Ohshio, K., and Yoshikawa, K. (1978) Effects of sisomicin on reproduction. II. Administration during the developmental period of fetuses. *Jitchuken Zenrinsho Kenkyuho* 4, 157-164.
- 151 Esaki, K., Ohshio, K., and Yoshikawa, K. (1978) Effects of sisomicin on reproduction. III. Administration during the prepartum and nursing periods. *Jitchuken Zenrinsho Kenkyuho* 4, 165-169.
- 152 Esaki, K., Ohshio, K., Nakazawa, C., and Ueda, A. (1978) Effects of sisomicin on reproduction. IV. Effects of administration on the internal organs and behavior during the developmental period. *Jitchuken Zenrinsho Kenkyuho* 4, 177.

- 153 Esaki, K., Oshio, K., Nakazawa, C., and Ueda, A. (1978) Effects of sisomicin on reproduction. V. Effects of administration during the peripartum and nursing periods on behavior. *Jitchuken Zenrinsho Kenkyuho* 4, 184.
- 154 Taniguchi, H., Ohtsuka, T., Setoguchi, T., Fujita, H., Iuki, T., Ohkubo, M., Morokata, H., Noguchi, H., and Kodama, K. (1984) Reproduction studies with sisomicin. Teratogenicity in rabbits after intravenous administration. *Yakuri to Chiryō* 12, 2759-2767.
- 155 Taniguchi, H., Himeno, Y., Hoshino, K., Ikki, T., Morokata, H., Inoue, H., and Kodama, R. (1984) Reproduction studies with sisomicin. Teratogenicity in rats after intravenous administration. *Yakuri to Chiryō* 12, 2727-2757.
- 156 Luft, J. (1980) The nephrotoxic potential of netilmicin as determined in a rat model. *Scand. J. Infect. Dis. Suppl.* 23, 82-90.
- 157 Koeda, T., Moriguchi, M., and Horisaka, K. (1979) Generation study of streptomycin sulfate in rats. *Oyo Yakuri* 17, 109-114.
- 158 Sloboda, D., Challis, J., Moss, T., and Newnham, J. (2005) Synthetic glucocorticoids, antenatal administration and long-term implications. *Curr. Pharm. Des.* 11, 1459-1472.
- 159 Queisser-Luft, A. (2009) Dydrogesterone use during pregnancy, overview of birth defects reported since 1977. *Early Hum. Dev.* 85, 375-377.
- 160 Pushpalatha, T., Ramachandra, R. P., and Sreenivasula, R. P. (2006) Alterations in hepatic metabolism of adult male rats following exposure to hydroxyprogesterone during embryonic development. *Asian J. Androl.* 8, 462-467.
- 161 Harini, C., Sainath, S. B., and Sreenivasula, R. P. (2009) Recovery of suppressed male reproduction in mice exposed to progesterone during embryonic development by testosterone. *Reproduction* 137, 439-448.
- 162 Shimizu, M., Tsutsui, T., Kawakami, E., Hori, T., Fujita, M., Orima, H., and Ogasa, A. (1995) Effect of chlormadinone acetate-pellet implantation on the volume of prostate, peripheral blood levels of sex hormones and semen quality in the dog. *J. Vet. Med. Sci.* 57, 395-399.
- 163 Usui, T., Eguchi, K., Ogawa, C., Sone, H., Ogawa, T., Yamamoto, T., Makino, M., and Suzuki, M. R. (1994) Effect of oral administration of a new antiandrogen, osaterone acetate (TZP-4238), during the period of fetal organogenesis in rats. *Pharmacometrics* 48, 97-108.
- 164 Ezumi, K., Nakao, H., and Higashi, T. (1978) Toxicity study of gestonorone caproate. 2. Subacute toxicity study in rats and mice. *Iyakuin Kenkyu* 9, 275-306.
- 165 Nakao, H., Iwai, K., Ishimori, K., and Ezumi, K. (1978) Toxicity study of gestonorone caproate. 3. Chronic toxicity study in rats. *Iyakuin Kenkyu* 9, 307-339.
- 166 Snead, W. (2005) *Drug Discovery, A History*, John Wiley & Sons, West Sussex, England.
- 167 Noorafshan, A., Karbalay-Doust, S., and Aredkani, F. M. (2005) High doses of nandrolone decanoate reduce volume of testis and length of seminiferous tubules in rats. *APMIS* 113, 122-125.
- 168 Gerez, J. R., Frei, F., and Camargo, I. C. C. (2005) Histological assessment of ovaries and uterus of rats subjected to nandrolone decanoate treatment. *Contraception* 72, 77-80.
- 169 Van Leeuwen, F. (1991) The approach taken and conclusions reached by the Joint FAO-WHO Expert Committee on Food Additives. *Ann. Rech. Vet.* 22, 253-256.
- 170 WHO (World Health Organization) (Undated) *Trenbolone Acetate*, Geneva, Switzerland.
- 171 European Agency for the Evaluation of Medicinal Products, Committee for Veterinary Medicinal Products (1999) *Altrenogest*, London, England.
- 172 ATSDR (Agency for Toxic Substances and Disease Registry) (1999) *Toxicological profile for hexachlorocyclopentadiene (HCCPD)*, Atlanta, GA.
- 173 ATSDR (Agency for Toxic Substances and Disease Registry) (2007) *Toxicological Profile for Heptachlor and Heptachlor Epoxide*, Atlanta, GA.
- 174 ATSDR (Agency for Toxic Substances and Disease Registry) (2002) *Toxicological Profile for Aldrin/Dieldrin*, Atlanta, GA.
- 175 ATSDR (Agency for Toxic Substances and Disease Registry) (1996) *Toxicological Profile for Endrin*, Atlanta, GA.
- 176 ATSDR (Agency for Toxic Substances and Disease Registry) (1994) *Toxicological Profile for Chlordane*, Atlanta, GA.
- 177 ATSDR (Agency for Toxic Substances and Disease Registry) (2000) *Toxicological Profile for Endosulfan*, Atlanta, GA.

178 ATSDR (Agency for Toxic Substances and Disease Registry) (1995) *Toxicological Profile for Mirex and Chlordane*, Atlanta, GA.

179 Ferguson, M. W. J. (1978) The teratogenic effects of 5-fluoro-2-deoxyuridine (F.U.D.R.) on the Wistar rat fetus, with particular reference to cleft palate. *J. Anat.* 126, 37-49.

180 Singh, G. D. and Moxham, B. J. (1996) Mesenchymal cell activity during 5-fluoro-2-deoxyuridine-induced cleft palate formation in the rat. *Cleft Palate Craniofac. J.* 33, 395-399.

181 Nagao, T., Saito, Y., Watanabe, C., and Imai, K. (1997) Reproductive effects of prenatal exposure to 5-bromo-2'-deoxyuridine on male rats. *Reprod. Toxicol.* 11, 37-45.

182 Franz, J., and Degenhardt, K. H. (1969) A model in comparative teratogenesis. II. Response to 5-fluoro-2-deoxycytidine at successive stages in organogenesis of mice of strains C57BL-6JHnFm and C57BL-10JFm- + Id. *Teratology* 2, 345-359.

183 Chaube, S. and Murphy, M. L. (1964) Teratogenic effects of 5-chlorodeoxyuridine on the rat fetus, protection by physiological pyrimidines. *Cancer Res.* 24, 1986-1993.

184 Bidhan, R. P., Maleyvar, R. P., and Gandhi, K. K. (1982) Effect of 5-bromodeoxyuridine on the synthesis of LDH-X in the postnatal testis of mouse. *Cytobios* 35, 163-172.

185 Antoniadou, K., Economou, L., Sioga, A., Vahtsevanos, K., and Manthos, A. (1995) Pathogenesis of bromodeoxyuridine-induced cleft palate in mice. *J. Craniofacial Genet. Dev. Biol.* 23, 252-255.

186 Nakamura, N., Fujioka, M., and Mori, C. (2000) Generation of programmed cell death and gene expression by 5-bromodeoxyuridine during limb development in mice. *Toxicol. Appl. Pharmacol.* 167, 100-106.

187 Skalko, R. G. and Packard, D. S. (1975) Mechanisms of halogenated nucleoside embryotoxicity. *Ann. N. Y. Acad. Sci.* 255, 552-558.

188 Barreto, R. L. B., De Jesus Simoes, M., Amed, A. M., Soares Junior, J. M., and Oliveira-Filho, R. M. (2004) Stavudine effects on rat pregnancy outcome. *J. Obstet. Gynaecol. Res.* 30, 242-245.

189 Ortega, A., Puig, M., and Domingo, J. L. (1991) Maternal and developmental toxicity of low doses of cytosine arabinoside in mice. *Teratology* 44, 379-384.

190 Lindstrom, P., Harris, M., Hoberman, A. M., Dunnick, J. K., and Morrissey, R. E. (1990) Developmental toxicity of orally administered 2',3'-dideoxycytidine in mice. *Teratology* 42, 131-136.

191 Murphy, M. L. (1962) Teratogenic effects in rats of growth inhibiting chemicals, including studies on thalidomide. *Clin. Proc. Child. Hosp. Dist. Columbia.* 18, 307-322.

192 Doerksen, T., and Trasler, J. M. (1996) Developmental exposure of male germ cells to 5-azacytidine results in abnormal preimplantation development in rats. *Biol. Reprod.* 55, 1155-1162.

193 Schmahl, W., Torok, P., and Kriegel, H. (1984) Embryotoxicity of 5-azacytidine in mice phase- and dose-specificity. *Arch. Toxicol.* 55, 143-147.

194 Oakes, C. C., Kelly, T. L., Robaire, B., and Trasler, J. M. (2007) Adverse effects of 5-aza-2'-deoxycytidine on spermatogenesis include reduced sperm function and selective inhibition of de novo DNA methylation. *J. Pharmacol. Exp. Ther.* 322, 1171-1180.

195 Cisneros, F. J., and Branch, S. M. (2005) In utero exposure to 5-aza-2'-deoxycytidine induces multigenerational abnormal development, role of the inheritance of altered DNA methylation patterns. *Birth Defects Res. Part A* 73, 293.

196 Spindle, A. and Pedersen, R. (1977) The effect of exogenous nucleosides on postimplantation development of mouse embryos. *J. Reprod. Fertil.* 51, 145-148.

197 Knudsen, T. B., Gao, X., Blackburn, M. R., and Sullivan, K. S. (1993) Cytotoxic mechanism of 2'-deoxyadenosine in early postimplantation mouse embryos. *Teratology* 47, 397.

198 Nishimura, H., and Nimura, H. (1958) Congenital malformations in mouse embryos induced by 8-Azaguanine. *J. Embryol. Exp. Morphol.* 6, 593-596.

199 OECD (Organization for Economic Co-operation and Development) (2002) *SIDS Initial Assessment Report for SIAM 14 Caffeine*, <http://www.inchem.org/documents/sids/sids/CAFEINE.pdf>.

200 Ying, W., Waller, D. P., Sinha Hikim, A. P., and Russell, L. D. (1992) Reproductive toxicity of theobromine and cocoa extract in male rats. *Reprod. Toxicol.* 6, 347-353.

201 OECD (Organization for Economic Co-operation and Development) (2001) *SIDS Initial Assessment Report for SIAM 13 Theophylline*,
<http://www.inchem.org/documents/sids/sids/THEOPHIL.pdf>.

202 IARC (International Agency for Research on Cancer) (1981) *IARC Summary and Evaluation of 5-Fluorouracil*, <http://www.inchem.org/documents/iarc/vol26/5-fluorouracil.html>

203 Rosenfeld, H., Ornov, A., Schechtman, S., and Diav-Citrin, O. (2009) Pregnancy outcome, thyroid dysfunction and fetal goitre after in utero exposure to propylthiouracil, a controlled cohort study. *Br. J. Clin. Pharmacol.* 68, 609-617.

204 Shibutani, M. W. G. H., Fujimoto, H., Saegusa, Y., Takahasi, M., Inoue, K., Hirose, M., and Nishikawa, A. (2009) Assessment of developmental effects of hypothyroidism in rats from in utero and lactation exposure to anti-thyroid agents. *Reprod. Toxicol.* 28, 297-307.

205 Vicari, L., De Dominicis, G., and Vito, M. (1985) Teratogenic and goitrogenic activity of propineb and propylenethiourea in the rat. *Boll. - Soc. Ital. Biol. Sper.* 61, 271-278.

206 Khera, K. S., and Iverson, F. (1980) Hydrocephalus induced by N-nitrosoethylenethiourea in the progeny of rats treated during gestation. *Teratology* 21, 367-370.

207 Douchement, D., Rakza, T., Holder, M., Bonne, N. X., and Fayoux, P. (2011) Choanal atresia associated with tracheoesophageal fistula, the spectrum of carbimazole embryopathy. *Pediatrics* 128, 703-706.

208 Koenig, D., Spreux, A., Hieronimus, S., Chichmanian, R. M. B. F., Fenichel, P., and Brucker-Davis, F. (2010) Birth defects observed with maternal carbimazole treatment: Six cases reported to Nice's Pharmacovigilance Center. *Ann. Endocrinol.* 71, 535-542.

209 European Commission (2000) *IUCLID dataset for Tridemorph*, http://esis.jrc.ec.europa.eu/doc/IUCLID/data_sheets/24602866.pdf.

210 Bleyl, D. R., and Lewerenz, H. J. (1983) Examinations into the embryotoxic and teratogenic actions as well as postnatal effects of the N-alkyl-dimethyl-morpholines aldimorph and tridemorph in rats. *Wiss. Z. Ernst-Moritz-Arndt-Univ. Greifsw., Med. Reihe* 32, 19-22.

211 Jackson, H., Campbell, I. S. C., and Jones, A. R. (1970) Is glycidol an active intermediate in the antifertility action of alpha-chlorhydrin in male rats? *Nature* 226, 86-87.

212 Slott, V. L., and Hales, B. F. (1985) Teratogenicity and embryoletality of acrolein and structurally related compounds in rats. *Teratology* 32, 65-72.

213 John, J. A., Gushow, T. S., Ayres, J. A., Hanley, T. R., Quast, J. F., and Rao, K. S. (1983) Teratologic evaluation of inhaled epichlorohydrin and allyl chloride in rats and rabbits. *Toxicol. Sci.* 3, 437-442.

214 NTP (National Toxicology Program) (1990) Toxicology and Carcinogenesis Studies of Allyl Glycidyl Ether (CAS No. 106-92-3) in Osborne-Mendel Rats and B6C3F₁ Mice (Inhalation Studies), *Natl. Toxicol. Program Tech. Rep. Ser.* 376, 1-219.

215 NTP (National Toxicology Program) (2004) *N-Butyl Glycidyl Ether (BGE) [Cas No. 2426-08-6] Review of Toxicological Literature*, http://ntp.niehs.nih.gov/ntp/htdocs/Chem_Background/ExSumPdf/Butyl_glycidyl_ether_508.pdf.

216 Weston, A. D., Brown, N. A., and Ozolinš, T. R. (2011) Co-variation in frequency and severity of cardiovascular and skeletal defects in Sprague-Dawley rats after maternal administration of dimethadione, the N-demethylated metabolite of trimethadione. *Birth Defects Res., Part B* 92, 206-215.

217 Feldman, G. L., Weaver, D. D., and Lovrien, E. W. (1977) The fetal trimethadione syndrome, report of an additional family and further delineation of this syndrome. *Am. J. Dis. Child.* 131, 1389-1392.

218 Fleeman, T. L., Cappon, G. D., and Hurtt, M. E. (2004) Postnatal closure of membranous ventricular septal defects in Sprague-Dawley rat pups after maternal exposure with trimethadione. *Birth Defects Res., Part B* 71, 185-190.

219 Marks, T. A., Morris, D. F., and Weeks, J. R. (1987) Developmental toxicity of alprostadil in rats after subcutaneous administration or intravenous infusion. *Toxicol. Appl. Pharmacol.* 91, 341-57.

220 Christian-Maitre, S., Olivennes, F., Dubourdieu, S., Chabbert-Buffet, N., Charbonnel, B., Frydman, R., and Bouchard, P. (2000) Effect of gonadotrophin-releasing hormone (GnRH) antagonist during the LH surge in normal women and during controlled ovarian hyperstimulation. *Clin. Endocrinol. (Oxford, U. K.)* 52, 721-726.

- 221 Klinefelter, G. R., Strader, L. F., Suarez, J. D., Roberts, N. L., Goldman, J. M., and Murr A. S. (2004) Continuous exposure to dibromoacetic acid delays pubertal development and compromises sperm quality in the rat. *Toxicol. Sci.* 81, 419-429.
- 222 Hunter, E. S. I., Blanton, M. R., Rogers, E. H., Leonard, M. M., Andrews, J., and Chernoff, N. (2006) Short-term exposures to dihaloacetic acids produce dysmorphogenesis in mouse conceptuses in vitro. *Reprod. Toxicol.* 22, 443-448.
- 223 U.S. EPA (2003) *Toxological Review of Dichloroacetic Acid*, Washington, DC.
- 224 OECD (Organization for Economic Co-operation and Development) (Undated) *SIDS Initial Assessment Profile Trichloroacetic Acid*, <http://www.inchem.org/documents/sids/sids/76039.pdf>.
- 225 Smith, M. K., Randall, J. L., Read, E. J., and Stober, J. A. (1990) Developmental effects of chloroacetic acid in the Long Evans rat. *Teratology (Abstr.)* 41, 593.
- 226 Roste, L. S., Tauboll, E., Berner, A. A., Isojarvi, J. I. T., and Gjerstad, L. (2001) Valproate, but not lamotrigine, induces ovarian morphological changes in Wistar rats. *Exp. Toxicol. Pathol.* 52, 545-552.
- 227 Narotsky, M. G., Francis, B. M., and Kavlock, R. J. (1991) Continued evaluation of structure-activity relationships in the developmental effects of aliphatic acids in rats. *Teratology* 43, 433.
- 228 Pennanen, S., Tuovinen, K., Huuskonen, H., and Komulainen, H. (1992) The developmental toxicity of 2-ethylhexanoic acid in Wistar rats. *Fundam. Appl. Toxicol.* 19, 505-511.
- 229 Scott, W. J. Jr., Collins, M. D., and Nau, H. (1994) Pharmacokinetic determinants of embryotoxicity in rats associated with organic acids. *Environ. Health Perspect. Suppl.* 102, 97-101.
- 230 Narotsky, M. G., Best, D. S., McDonald, A., Godin, E. A., Hunter, E. S. I., and Simmons, J. E. (2011) Pregnancy loss and eye malformations in offspring of F344 rats following gestational exposure to mixtures of regulated trihalomethanes and haloacetic acids. *Reprod. Toxicol.* 31, 59-65.
- 231 Tully, D. B., Luft, J. C., Rockett, J. C., Ren, H., Schmid, J. E., Wood, C. R., and Dix, D. J. (2005) Reproductive and genomic effects in testes from mice exposed to the water disinfectant byproduct bromochloroacetic acid. *Reprod. Toxicol.* 19, 353-366.
- 232 IARC (International Agency for Research on Cancer) (1991) *Summaries & Evaluations Halogenated Acetonitriles vol 52*, <http://www.inchem.org/documents/iarc/vol52/07-halacetoneitriles.html>
- 233 Hardin, B. D., Schuler, R. L., Burg, J. R., Booth, G. M., Hazelden, K. P., Mackenzie, K. M., Piccirillo, V. J., and Smith, K. N. (1987) Evaluation of 60 chemicals in a preliminary developmental toxicity test. *Teratog., Carcinog., Mutagen.* 7, 29-48.
- 234 NICNAS (National Industrial Chemicals Notification and Assessment Scheme) (2000) *Glycolic Acid Priority Existing Chemical Assessment Report No. 12*, http://www.nicnas.gov.au/__data/assets/pdf_file/0017/4373/PEC_12_Glycolic-Acid_Full_Report_PDF.pdf.
- 235 Bagchi, G., and Waxman, D. (2008) Toxicity of ethylene glycol monomethyl ether, impact on testicular gene expression. *Int. J. Androl.* 31, 269-274.
- 236 Foster, P. M. D., Creasy, D. M., Foster, J. R., Thomas, L. V., Cook, M. W., and Gangolli, S. D. (1983) Testicular toxicity of ethylene glycol monomethyl and monoethyl ethers in the rat. *Toxicol. Appl. Pharmacol.* 69, 385-399.
- 237 Carney, E. W., Pottenger, L. H., Johnson, K. A., Liberacki, A. B., Tornesi, B., Dryzga, M. D., Hansen, S. C., and Breslin, W. J. (2003) Significance of 2-methoxypropionic acid formed from 1,3-propanediol monomethyl ether, Integration of pharmacokinetic and developmental toxicity assessments in rabbits. *Toxicol. Sci.* 71, 217-228.
- 238 Miller, R. R., Hermann, E. A., Langvardt, P. W., McKenna, M. J., and Schwetz, B. A. (1983) Comparative metabolism and disposition of ethylene glycol monomethyl ether and propylene glycol monomethyl ether in male rats. *Toxicol. Appl. Pharmacol.* 67, 229-237.
- 239 Hellwig, J., Klimisch, H. J., and Jackh, R. (1994) Prenatal toxicity of inhalation exposure to 2-methoxypropanol-1 in rabbits. *Fundam. Appl. Toxicol.* 23, 603-613.
- 240 NTP (National Toxicology Program) (1985) *Ethoxyacetic Acid (Cas #627-03-2), Reproduction And Fertility Assessment In CD-1 Mice When Administered In Drinking Water*, NTP Report RACB84052, Research Triangle Park, NC.

241 Rawlings, S., Shuker, D., Webb, M., Brown, N. (1985) The teratogenic potential of alkoxy acids in post-implantation rat embryo culture, structure-activity relationships. *Toxicol. Lett.* 28, 49-58.

242 McGinty, D., Scognamiglio, J., Letizia, C., and Api, A. (2010) Fragrance material review on 2-ethyl-1-hexanol. *Food Chem. Toxicol.* 48 Suppl. 4, S115-29.

243 NTP/CERHR (2006) *NTP/CERHR Monograph on The Potential Human Reproductive and Developmental Effects of Di(2-Ethylhexyl) Phthalate (DEHP)*, <http://ntp.niehs.nih.gov/ntp/ohat/phthalates/dehp/DEHP-Monograph.pdf>.

244 IPCS (International Programme on Chemical Safety) (1992) *Environmental Health Criteria 131, Diethylhexyl Phthalate*, <http://www.inchem.org/documents/ehc/ehc/ehc131.htm>.

245 Narotsky, M. G., Francis, E. Z., and Kavlock, R. J. (1994) Developmental toxicity and structure-activity relationships of aliphatic acids, including dose-response assessment of valproic acid in mice and rats. *Fundam. Appl. Toxicol.* 22, 251-265.

246 Singh, A. R., Lawrence, W. H., and Autian, J. (1973) Embryonic-fetal toxicity and teratogenic effects of adipic acid esters in rats. *J. Pharm. Sci.* 62, 1596-1600.

247 OECD (Organization for Economic Co-operation and Development) (2004) *SIDS Initial Assessment Report for SIAM 19 Ethanol*, <http://www.inchem.org/documents/sids/sids/64175.pdf>.

248 Nelson, B. K., Brightwell, W. S., and Krieg, E. F. Jr. (1990) Developmental toxicology of industrial alcohols, a summary of 13 alcohols administered by inhalation to rats. *Toxicol. Ind. Health* 6, 373-387.

249 Ema, M., Hara, H., Matumoto, M., Hirose, A., and Kamata, E. (2005) Evaluation of developmental toxicity of 1-butanol given to rats in drinking water throughout pregnancy. *Food Chem. Toxicol.* 43, 325-331.

250 OECD (Organization for Economic Co-operation and Development) (2001) *SIDS Initial Assessment Report for SIAM 13 n-Butyl Alcohol*, <http://www.inchem.org/documents/sids/sids/71363.pdf>.

251 OECD (Organization for Economic Co-operation and Development) (2003) *SIDS Initial Assessment Report For SIAM 17 1,3-Dimethylurea*, <http://www.inchem.org/documents/sids/sids/96311.pdf>.

252 Teramoto, S., Kaneda, M., Aoyama, H., and Shirasu, Y. (1981) Correlation between the molecular structure of N-alkylureas and N-alkylthioureas and their teratogenic properties. *Teratology* 23, 335-342.

253 Munley, S. M., O'Neil, A. J., Tyler, D. L., Hurtt, M. E., and Kennedy, G. L. Jr. (2001) Developmental toxicity study of tetramethylurea (TMU) in rats. *Drug Chem. Toxicol.* 24, 259-271.

254 Cros, Mrs. S., Moisand, Mrs. C., and Tollon, Mrs. Y. (1972) Influence of tetramethylurea on embryonic development in the mouse. *Ann. Pharm. Fr.* 30, 585-593.

255 Stula, E. F., and Krauss, W. C. (1977) Amide-type solvents and substituted ureas. *Toxicol. Appl. Pharmacol.* 41, 35-55.

256 Saillenfait, A. M., Sabaté, J. P., Langonne, J., and De Ceaurriz, J. (1991) Difference in the developmental toxicity of ethylenethiourea and three N,N'-substituted thiourea derivatives in rats. *Fundam. Appl. Toxicol.* 17, 399-408.

257 Inouye, M., and Murakami, U. (1978) Teratogenic effect of N-methyl-N'-nitro-N-nitrosoguanidine in mice. *Teratology* 18, 263-268.

258 Huang, P., and Catalano, A. (1992) N-alkyl-N-nitrosourea induced secondary structural changes in DNA from rat embryos and fetal brains in vivo. *Teratog., Carcinog., Mutagen* 12, 135-53.

259 Spielmann, H., Vogel, R., Granata, I., and Tenschert, B. (1989) Abnormal development of mouse embryos exposed to methylnitrosourea before implantation. *Reprod. Toxicol.* 3, 27-31.

260 Nagao, T. (1987) Frequency of congenital defects and dominant lethals in the offspring of male mice treated with methylnitrosourea. *Mutat. Res.* 177, 171-178.

261 Murota, T., and Shibuya, T. (1991) The induction of specific-locus mutations with N-propyl-N-nitrosourea in stem-cell spermatogonia of mice. *Mutat. Res.* 264, 235-240.

262 Napalkov, N. P., and Alexandrov, V. A. (1968) On the effects of blastomogenic substances on the organism during embryogenesis. *Z. Krebsforsch.* 71, 32-50.

263 Wagner, U., Schreiber, D., Thust, R., and Schneider, M. (1990) The pre- and postnatal carcinogenic effect of 3,3-diethyl-1-methyl-1-nitrosourea (DEMNU) in rats following intravenous application. *Arch. Geschwulstforsch.* 60, 179-186.

264 Von Kreybig, Thomas, Preussmann, Rudolf, and Von Kreybig, Ingrid. (1969) Chemical structure and teratogenic effect in the rat. II. N-Alkylureas, N-alkylsulfonamides, N,N-dialkylacetamides, N-methylthioacetamide, and chloroacetamide. *Arzneim. Forsch.* 19, 1073-1076.

265 Grigg, A. (2007) Effect of hydroxyurea on sperm count, motility and morphology in adult men with sickle cell or myeloproliferative disease. *Intern. Med. J.* 37, 190-192.

266 Jones, K. M., Niaz, M. S., Brooks, C. M., Roberson, S. I., Aguinaga, M. P., Hills, E. R., Rice, V. M., Bourne, P., Bruce, D., and Archibong, A. E. (2009) Adverse effects of a clinically relevant dose of hydroxyurea used for the treatment of sickle cell disease on male fertility endpoints. *Int. J. Environ. Res. Public Health* 6, 1124-1144.

267 Korhonen, A., Hemminki, K., and Vainio, H. (1982) Embryotoxicity of industrial chemicals on the chicken embryo, thiourea derivatives. *Acta Pharmacol. Toxicol.* 51, 38-44.

268 IPCS (International Programme on Chemical Safety) (2003) *Concise International Chemical Assessment Documents (Book 49) Thiourea*, <http://www.who.int/ipcs/publications/cicad/en/cicad49.pdf>.

269 IARC (International Agency for Research on Cancer) (1976) *Summaries & Evaluations Methyl Carbamate*, <http://www.inchem.org/documents/iarc/vol12/methylcarbamate.html>

270 DiPaolo, J. A. and Elis, J. (1967) The comparison of teratogenic and carcinogenic effects of some carbamate compounds. *Cancer Res.* 27, 1696-1701.

271 Goldman, J. M., Cooper, R. L., and Murr, A. S. (2007) Reproductive functions and hypothalamic catecholamines in response to the soil fumigant metam sodium, adaptations to extended exposures. *Neurotoxicol. Teratol.* 29, 368-376.

272 Haendel, M. A., Tilton, F., Bailey, G. S., and Tanguay, R. L. (2004) Developmental toxicity of the dithiocarbamate pesticide sodium metam in Zebrafish. *Toxicol. Sci.* 81, 390-400.

273 California EPA (1986) *California Environmental Protection Agency Department of Pesticide Regulation Medical Toxicology Branch Summary of Toxicology Data Thiram*, <http://www.cdpr.ca.gov/docs/risk/toxsums/pdfs/589.pdf>.

274 Robens, J. F. (1969) Teratologic studies of carbaryl, diazinon, norel, disulfiram, and thiram in small laboratory animals. *Toxicol. Appl. Pharmacol.* 15, 152-163.

275 Salgo, M. P., and Oster, G. (1974) Fetal resorption induced by disulfiram in rats. *J. Reprod. Fertil.* 39, 375-377.

276 Van Bostel, A. L., Kamstra, J. H., Fluitsma, D. M., and Legler, J. (2010) Dithiocarbamates are teratogenic to developing zebrafish through inhibition of lysyl oxidase activity. *Toxicol. Appl. Pharmacol.* 244, 156-161.

277 Faustman, E., Kirby, Z., Gage, D., and Varnum, M. (1989) In vitro developmental toxicity of five direct-acting alkylating agents in rodent embryos, structure-activity patterns. *Teratology* 40, 199-210.

278 Ozawa, S., Yokoi, R., Kitamura, T., Kuriyama, K., Kobayashi, K., and Shibata, N. (2000) Collaborative work to evaluate toxicity on male reproductive organs by repeated dose studies in rats Part 15. Two-week and 4-week administration study of methyl methanesulfonate (MMS). *J. Toxicol. Sci.* 25 (Special issue), 155-162.

279 Jackson H., Fox, B. W., and Craig, A. W. (1961) Antifertility substances and their assessment in the male rodent. *J. Reprod. Fertil.* 2, 447-465.

280 Fox, B. W., Jackson, H., Craig, A. W., and Glover, T. D. (1963) Effects of alkylating agents on spermatogenesis in the rabbit. *J. Reprod. Fertil.* 5, 13-22.

281 Hemsworth, B. N. (1968) Embryopathies in the rat due to alkane sulphonates. *J. Reprod. Fertil.* 17, 325-334.

282 Fischer, M. H., Welker, C., and Waisman, H. A. (1972) Generalized growth retardation in rats induced by prenatal exposure to methylazoxymethyl acetate. *Teratology* 5, 223-232.

283 Colacitti, C., Sancini, G., DeBiasi, S., Franceschetti, S. C. A., Frassoni, C., Cattabeni, F., Avanzini, G., Spreafico, R., Di Luca, M., and Battaglia, G. (1999) Prenatal methylazoxymethanol treatment in rats produces brain abnormalities with morphological similarities to human developmental brain dysgeneses. *J. Neuropathol. Exp. Neurol.* 58, 92-106.

284 ATSDR (Agency for Toxic Substances and Disease Registry) (1999) *Toxicological Profile for n-Hexane*, Atlanta, GA.

285 Marks, T. A., Fisher, P. W., and Staples, R. E. (1980) Influence of n-hexane on embryo and fetal development in mice. *Drug Chem. Toxicol.* 3, 393-406.

286 ATSDR (Agency for Toxic Substances and Disease Registry) (1992) *Toxicological Profile for 2-hexanone*, Atlanta, GA.

287 Boekelheide, K., and Schoenfeld, H. A. (2001) Spermatogenesis by Sisyphus, proliferating stem germ cells fail to repopulate the testis after 'irreversible' injury. *Adv. Exp. Med. Biol.* 500, 421-428.

288 Lee, K. P., and Kennedy, J. (1991) Testicular toxicity of rats exposed to hexafluoroacetone (HFA) for 90 days. *Toxicology* 67, 249-265.

289 Brittelli, M. R., Culik, R., Dashiell, O. L., and Fayerweather, W. E. (1979) Skin absorption of hexafluoroacetone, teratogenic and lethal effects in the rat fetus. *Toxicol. Appl. Pharmacol.* 47, 35-39.

290 John, J. A., Murray, F. J., Quast, J. F., Keeler, P. A., Schwetz, B. A., and Staples, R. E. (1983) 1,1,3,3-Tetrachloroacetone, teratogenicity study in mice and rabbits. *Fundam. Appl. Toxicol.* 2, 220-225.

291 Boekelheide, K., Darney, S. P., Daston, G. P., David, R. M., Luderer, U., Olshan, A. F., Sanderson, W. T., Willhite, C. C., and Woskie, S. (2004) NTP-CERHR expert panel report on the reproductive and developmental toxicity of 2-bromopropane. *Reprod. Toxicol.* 18, 189-217.

292 IARC (International Agency for Research on Cancer) (1979) *Summaries & Evaluations Carbon Tetrachloride*, <http://www.inchem.org/documents/iarc/vol71/011-carbontetrac.html>

293 Klinefelter, G. R., Suarez, J. D., Roberts, N. L., and DeAngelo, A. B. (1995) Preliminary screening for the potential of drinking water disinfection byproducts to alter male reproduction. *Reprod. Toxicol.* 9, 571-578.

294 Narotsky, M. G., Pegram, R. A., and Kavlock, R. J. (1997) Effect of dosing vehicle on the developmental toxicity of bromodichloromethane and carbon tetrachloride in rats. *Fundam. Appl. Toxicol.* 40, 30-36.

295 ATSDR (Agency for Toxic Substances and Disease Registry) (2001) *Toxicological Profile for 1,2-Dichloroethane*, Atlanta, GA.

296 ATSDR (Agency for Toxic Substances and Disease Registry) (1992) *Toxicological Profile for 1,2-Dibromoethane*, Atlanta, GA.

297 Platzek, T., and Pauli, B. (1998) Teratogenicity studies with textile related chemicals in mice. *Teratology* 58, 24.

298 Gulati, D. K., Mounce, R. C., Russell, S., Poonacha, K. B., and Chapin, R. E. (1990) 1,2,3-Trichloropropane reproduction and fertility assessment in Swiss CD-1 mice when administered via gavage. Final report. *NTIS Technical Report PB91-129676 (NTP-90-209)*.

299 Mazze, R. I., Fujinaga, M., Rice, S. A., Harris, S. B., and Baden, J. M. (1986) Reproductive and teratogenic effects of nitrous oxide, halothane, isoflurane, and enflurane in Sprague-Dawley rats. *Anesthesiology* 64, 339-344.

300 Istaphanous, G. K., Howard, J., Nan, X., Hughes, E. A., McCann, J. C., McAuliffe, J. J., Danzer, S. C., and Loepke, A. W. (2011) Comparison of the neuroapoptotic properties of equipotent anesthetic concentrations of desflurane, isoflurane, or sevoflurane in neonatal mice. *Anesthesiology* 114, 578-587.

301 ATSDR (Agency for Toxic Substances and Disease Registry) (2006) *Toxicological Profile for Vinyl Chloride*, Atlanta, GA.

302 ATSDR (Agency for Toxic Substances and Disease Registry) (1994) *Toxicological Profile for Hexachlorobutadiene*, Atlanta, GA.

303 OECD (Organization for Economic Co-operation and Development) (1998) *SIDS Initial Assessment Report for 8th SIAM Chloroprene*, <http://www.inchem.org/documents/sids/sids/Chloroprene.pdf>.

304 ATSDR (Agency for Toxic Substances and Disease Registry) (1996) *Toxicological Profile for Carbon Disulfide*, Atlanta, GA.

305 NTP (National Toxicology Program) (1982) *Teratologic Evaluation Of Diphenhydramine Hydrochloride (Cas No. 147-24-0) Administered To CD-1 Mice On Gestational Days 11 Through 14*, NTP Study TER82068, Research Triangle Park, NC.

306 ECETOC (European Centre for Ecotoxicology and Toxicology of Chemicals) (2005) *The Toxicology of Glycol Ethers and its Relevance to Man (Fourth Edition) Volume II – Substance Profiles*. Brussels, Belgium.

307 OECD (Organization for Economic Co-operation and Development) (2006) *SIDS Initial Assessment Profile SIAM 22 Dibutyl Ether*,
<http://webnet.oecd.org/hpv/UI/handler.axd?id=4e643526-10ac-455f-8335-7d562d4d089c>.

308 Hardin, B. (1983) Reproductive toxicity of the glycol ethers. *Toxicology* 27, 91-102.

309 Johanson, G. (2000) Toxicity review of ethylene glycol monomethyl ether and its acetate ester. *Crit. Rev. Toxicol.* 30, 307-345.

309 NTP (National Toxicology Program) (1985) *Ethylene Glycol Monoethyl Ether (CAS No. 110-80-5), Reproduction and Fertility Assessment in CD-1 Mice When Administered in Water*, NTP Report RACB84050, Research Triangle Park, NC.

311 WHO (World Health Organization) (2002) *Concise International Chemical Assessment Document 41 Diethylene Glycol Dimethyl Ether*, Geneva, Switzerland.

312 NTP (National Toxicology Program) (1984) *Reproductive and Fertility Assessment of Triethylene Glycol Dimethyl Ether (CAS #112-49-2) in CD-1 Mice when Administered in Drinking Water*, NTP Report RACB83117, Research Triangle Park, NC.

313 NTP (National Toxicology Program) (1987) *Teratologic Evaluation of Triethylene Glycol Dimethyl Ether (CAS No. 112-49-2) Administered to New Zealand White Rabbits on Gestational Days 6 through 19*, NTP Study TER85113, Research Triangle Park, NC.

314 NTP (National Toxicology Program) (1987) *Teratologic Evaluation of Diethylene Glycol Diethyl Ether (CAS No.112-36-7) Administered to CD-1 Mice on Gestational Days 6 through 15*, NTP Study TER85061, Research Triangle Park, NC.

315 OECD (Organization for Economic Co-operation and Development) (1996) *SIDS Initial Assessment Report For SIAM 4 2-(2-(2-Methoxyethoxy)ethoxy)-ethanol*,
<http://www.inchem.org/documents/sids/sids/112356.pdf>.

316 SCCP (Scientific Committee on Consumer Products) (2010) Opinion on diethylene glycol monoethyl ether (DEGEE),
http://ec.europa.eu/health/ph_risk/committees/04_sccp/sccp_opinions_en.htm

317 California EPA (2001) *Prioritization of Toxic Air Contaminants - Children's Environmental Health Protection Act. Ethylene glycol ethers (EGME, EGEE, EGMEA, EGEEA)*,
http://www.oehha.ca.gov/air/toxic_contaminants/pdf_zip/glycolethers_final.pdf.

318 ATSDR (Agency for Toxic Substances and Disease Registry) (1998) *Toxicological Profile for 2-Butoxyethanol and 2-Butoxyethanol Acetate*, Atlanta, GA.

319 SCCP (Scientific Committee on Consumer Products) (2008) Opinion on diethylene glycol, http://ec.europa.eu/health/ph_risk/committees/04_sccp/sccp_opinions_en.htm.

320 OECD (Organization for Economic Co-operation and Development) (2000) *SIDS Initial Assessment Report for 10th SIAM 1,4-Butanediol*,
<http://www.inchem.org/documents/sids/sids/110634.pdf>.

321 Abbott, B. D., Logsdon, T. R., and Wilke, T. S. (1994) Effects of methanol on embryonic mouse palate in serum-free organ culture. *Teratology* 49, 122-134.

322 Saillenfait, A., and Sabat, J. (2000) Comparative developmental toxicities of aliphatic nitriles, in vivo and in vitro observations. *Toxicol. Appl. Pharmacol.* 163, 149-163.

323 Incardona, J., and Roelink, H. (2000) The role of cholesterol in Shh signaling and teratogen-induced holoprosencephaly. *Cell. Mol. Life Sci.* 57, 1709-1719.

324 Sakata, T., and Chen, J. (2011) Chemical 'Jekyll and Hyde's', small-molecule inhibitors of developmental signaling pathways. *Chem. Soc. Rev.* 40, 4318-4331.

325 Gaffield, W., and Keeler, R. F. (1994) Structure-activity relations of teratogenic natural products. *Pure Appl. Chem.* 66, 2407-2410.

326 Roux, C., Wolf, C., Mulliez, N., Gaoua, W., Cormier, V., Chevy, F. and Citadelle, D. (2000) Role of cholesterol in embryonic development. *Am. J. Clin. Nutr.* 71(5 Suppl), 1270S-9S.

327 Gofflot, F., Hars, C., Illien, F., Chevy, F., Wolf, C., Picard, J., and Roux, C. (2003) Molecular mechanisms underlying limb anomalies associated with cholesterol deficiency during gestation, implications of Hedgehog signaling. *Hum. Mol. Genet.* 12, 1187-1198.

328 Domingo, J. (1998) Developmental toxicity of metal chelating agents. *Reprod. Toxicol.* 12, 499-510.

329 Horii, I., Takizawa, S., and Fujii, T. (1992) Effect of 1,25-dihydroxyvitamin D3 on the female reproductive system in rats. *J. Toxicol. Sci.* 17, 91-105.

330 McClain, R. M., Langhoff, L., and Hoar, R. M. (1980) Reproduction studies with 1 alpha, 25-dihydroxyvitamin D3 (calcitriol) in rats and rabbits. *Toxicol. Appl. Pharmacol.* 52, 89-98.

331 Ornoy, A., Zusman, I., and Hirsch, B. E. (1981) Transplacental effects of vitamin D3 metabolites on the skeleton of rat fetuses. *Teratology* 23, 55.

332 Yamada, T., Inoue, T., Tarumoto, Y., Imai, S., Toyohara, S., and Kawanishi, H. (1996) Reproductive and developmental toxicity studies of (+)-(5Z,7E)-26,26,27,27,27-hexafluoro-9,10-secocholesta-5,7,10(19)-triene-1 α ,3 β ,25-triol (ST-630) 1. Fertility study in rats. *Oyo Yakuri* 52, 1-10.

333 Uchiyama, H., Suzuki, T., Koike, Y., Ono, M., Shirakawa, K., Nagata, M., and Konishi, R. (1996) Reproductive and developmental toxicity studies of calcipotrol (MC903): (4) A perinatal and postnatal study in rats by subcutaneous administration. *J. Toxicol. Sci. 21 Suppl 2*, 439-55.

334 Ornoy, A., Kaspi, T., and Nebel, L. (1972) Persistent defects of bone formation in young rats following maternal hypervitaminosis D2. *Isr. J. Med. Sci.* 8, 943-949.

335 Zusman, I., Hirsch, B. E., Edelstein, S., and Ornoy, A. (1981) Transplacental effects of 1,25-dihydroxycholecalciferol and of 24,25-dihydroxycholecalciferol on the limb skeleton of fetuses and offspring rats. *Acta Anat.* 111, 343-351.

336 Palazzolo, R. J., McHard, J. A., Hobbs, E. J., Fancher, Otis E., and Calandra, J. C. (1972) Toxicologic properties of a phenylmethylcyclsiloxane. *Toxicol. Appl. Pharmacol.* 21, 15-28.

337 LeFevre, R., Coulston, F., and Golberg, L. (1972) Action of a copolymer of mixed phenylmethylcyclsiloxanes on reproduction in rats and rabbits. *Toxicol. Appl. Pharmacol.* 21, 29-44.

338 Hayden, J. F., and Barlow, S. A. (1972) Structure-activity relationships of organosiloxanes and the female reproductive system. *Toxicol. Appl. Pharmacol.* 21, 68-79.

339 Pfizer (2006) Data For Prostin E2, Dinoprostone Vaginal Suppository, <http://labeling.pfizer.com/showlabeling.aspx?id=603>.

340 Wentzel, P., and Eriksson, U. J. (2002) 8-Iso-PGF2 α administration generates dysmorphogenesis and increased lipid peroxidation in rat embryos in vitro. *Teratology* 66, 164-168.

341 Petrere, J. A., Humphrey, R. R., Sakowski, R., Fitzgerald, J. E., and de la Iglesia F. A. (1984) Teratology study with the synthetic prostaglandin ONO-802 given intravaginally to rabbits. *Teratog. Carcinog. Mutagen.* 4, 225-231.

342 Pastuszak, A. L., Schler, L., Speck-Martins, C. E., Coelho, K. E. F. A., Cordello, S. M., Vargas, F., Brunoni, D., Schwarz, I. V. D., Larrandaburu, M., Safattle, H., Meloni, V. F. A., Koren, G., and Neto, J. C. (1998) Use of misoprostol during pregnancy and Mobius' syndrome in infants. *N. Engl. J. Med.* 338, 1881-1885.

343 Bygdeman, M. (1984) The use of prostaglandins and their analogues for abortion. *Clin. Obstet. Gynecol.* 11, 573-584.

344 Sugitani, T., Nakatsu, T., Ooshima, Y., Kusanagi, T., and Yoshizaki, H. (1995) Teratological study of AA-2414 in rats. *Jpn. Pharmacol. Ther.* 23, 2939-2962.

345 Jordan, M., and Wilson, L. (2004) Microtubules as a target for anticancer drugs. *Nat. Rev. Cancer* 4, 253-265.

346 de la Fuente del Rey, M. (1986) Teratogenic effect of semicarbazide in Wistar rats. *Biol. Neonate* 49, 150-157.

347 Anonymous, and Chekiang Medical College. (1978) Teratogenic effects of substituted thiourea agrochemicals. *Huanjing Kexue* 4, 19-23.

348 Tembe, E. A., Honeywell, R., Buss, N. E., and Renwick, A. G. (1996) All-trans-retinoic acid in maternal plasma and teratogenicity in rats and rabbits. *Toxicol. Appl. Pharmacol.* 141, 456-472.

349 Malvasi, A., Tinelli, A., Buia, A., and De Luca, G. F. (2009) Possible long term teratogenic effect of isotretinoin in pregnancy. *Eur. Rev. Med. Pharmacol. Sci.* 13, 393-396.

350 Lorente, C. A., and Miller, S. A. (1978) Vitamin A induction of cleft palate. *Cleft Palate Journal* 15, 378-385.

351 Willhite, C. C. (1984) Dose-response relationships of retinol in production of the Arnold-Chiari malformation. *Toxicol. Lett.* 20, 257-262.

352 Kochhar, D. M., and Penner, J. D. (1987) Developmental effects of isotretinoin and 4-oxo-isotretinoin, the role of metabolism in teratogenicity. *Teratology* 36, 67-75.

353 Lee, J., Avery, J., and Beaudoin, A. (1990) Effects of all-trans retinyl acetate on facial skin. *J. Dent. Res.* 69 (Special Issue March), 157.

354 Petersen, S., Krishnan, S., and Hudgens, E. (2006) The aryl hydrocarbon receptor pathway and sexual differentiation of neuroendocrine functions. *Endocrinology* 147(6 Suppl), S33-S42.

355 DailyMed (2012) *Pindolol*, <http://dailymed.nlm.nih.gov/dailymed/lookup.cfm?setid=05dfb38c-b832-4ae0-b28b-d271008e670b>.

356 Klug, S., Thiel, R., Schwabe, R., Merker, H. J., and Neubert, D. (1994) Toxicity of beta blockers in a rat whole embryo culture, concentration-response relationships and
tissue concentrations. *Arch. Toxicol.* 68, 375-384.

357 Nusier, M. K., Bataineh, H. N., Daradka, H. M., and Pak, J. (2007) Adverse effects of propranolol on reproductive function in adult male mice. *J. Biol. Sci.* 10, 2728-2731.

358 Ryan, C. L., and Pappas, B. A. (1990) Prenatal exposure to antiadrenergic antihypertensive drugs, effects on neurobehavioral development and the behavioral
consequences of enriched rearing. *Neurotoxicol. Teratol.* 12, 359-366.

359 Tabacova, S., Kimmel, C. A., Wall, K., and Hansen, D. (2003) Atenolol developmental toxicity, animal-to-human comparisons. *Birth Defects Res., Part A* 67, 181-192.

360 Chimura, T. (1985) Effects of beta-adrenoceptor blockade on parturition and fetal cardiovascular and metabolic system. *Nihon Sanka Fujinka Gakkai Zasshi* 37, 691-695.

361 Jackson, C. D., and Fishbein, L. (1986) A toxicological review of beta-adrenergic blockers. *Fundam. Appl. Toxicol.* 6, 395-422.

362 Tyla, R. W., Friedman, M. A., Losco, P. E., Fisher, L. C., Johnson, K. A., Strother, D. E., and Wolf, C. H. (2000) Rat two-generation reproduction and dominant lethal study of
acrylamide in drinking water. *Reprod. Toxicol.* 14, 385-401.

363 Tyla, R. W., and Friedman, M. A. (2003) Effects of acrylamide on rodent reproductive performance. *Reprod. Toxicol.* 17, 1-13.

364 Hashimoto, K., Sakamoto, J., and Tanji, H. (1981) Neurotoxicity of acrylamide and related compounds and their effects on male gonads in mice. *Arch. Toxicol.* 47, 179-
189.

365 Sakamoto, J., and Hasimoto, K. (1986) Reproductive toxicity of acrylamide and related compounds in mice, effects on fertility and sperm morphology. *Arch. Toxicol.* 59,
201-205.

366 Chapin, R. E., Fail, P. A., George, J. D., Grizzle, T. B., Heindel, J. J., Harry, G. J., Collins, B. J., and Teague, J. (1995) The reproductive and neural toxicities of acrylamide and
three analogues in Swiss Mice, evaluated using the continuous breeding protocol. *Fundam. Appl. Toxicol.* 27, 9-24.

367 George, J. D., Price, C. J., Marr, M. C., Myers, C. B., Schwetz, B. A., and Heindel, J. J. (1998) Evaluation of the developmental toxicity of methacrylamide and N,N'-
methylenebisacrylamide in Swiss mice. *Toxicol. Sci.* 46, 124-133.

368 National Institute of Environmental Health Sciences and National Toxicology Program (1993) *Final report on the reproductive toxicity of N,N'-methylenebisacrylamide*
(BACR) (CAS no. 110-26-9) in CD-1 $\bar{N}$ Swiss mice, NTP Report RACB90016, Research Triangle Park, NC.

369 ATSDR (Agency for Toxic Substances and Disease Registry) (2007) *Toxicological Profile for Acrolein*, Atlanta, GA.

370 Saillenfait, A. M., Bonnet, P., Gallissot, F., Protois, J. C., Peltier, A., and Fabries, J. F. (1999) Developmental toxicities of methacrylic acid, ethyl methacrylate, n-butyl
methacrylate, and allyl methacrylate in rats following inhalation exposure. *Toxicol. Sci.* 50, 136-145.

371 Saillenfait, A. M., Bonnet, P., Gallissot, F., Protois, J. C., Peltier, A., and Fabries, J. F. (1999) Relative developmental toxicities of acrylates in rats following inhalation
exposure. *Toxicol. Sci.* 48, 240-254.

372 Fakhouri, J., Sarkis, R., Chababi-Atallah, M., and Aftimos, G. (2008) Toxic effects of methyl methacrylate monomer on male genital tissues. In vitro study in rats. *J. Med.*
Liban. 56, 22-6.

373 Singh, A. R., Lawrence, W. H., and Autian, J. (1972) Embryonic-fetal toxicity and teratogenic effects of a group of methacrylate esters in rats. *J. Dent. Res.* 51, 1632-1638.

374 European Commission (2000) *IUCLID Dataset for Isobutyl Methacrylate*, http://esis.jrc.ec.europa.eu/doc/IUCLID/data_sheets/97869.pdf.

375 EFSA (European Food Safety Authority) (2005) Conclusion on the peer review of oxamyl. *EFSA Scientific Report* 26, 1-78.

376 EFSA (European Food Safety Authority) (2008) Peer review of the pesticide risk assessment of the active substance methomyl. *EFSA Scientific Report* 222, 1-99.

377 IPCS (International Programme on Chemical Safety) (1992) *Environmental Health Criteria* 121. Aldicarb. 837. Aldicarb (Pesticide residues in food, 1992 evaluations Part II
Toxicology), <http://www.inchem.org/documents/jmpr/jmpmono/v92pr03.htm>.

378 Keeler, R. F., and Balls, L. D. (1978) Teratogenic effects in cattle of Conium maculatum and Conium alkaloids and analogs. *Clin. Toxicol.* 12, 49-64.

379 Green, B. T., Lee, S. T., Panter, K. E., Welch, K. D., Cook, D., Pfister, J. A., and Kem, W. R. (2012) Actions of piperidine alkaloid teratogens at fetal nicotinic acetylcholine
receptors. *Neurotoxicol. Teratol.* 32, 383-90.

380 EFSA (European Food Safety Authority) (2006) Conclusion on the peer review of benfuracarb. *EFSA Scientific Report* 89, 1-81.

381 EFSA (European Food Safety Authority) (2010) Conclusion on the peer review of the pesticide risk assessment of the active substance fenoxycarb. *EFSA J.* 8, 1779.

382 EFSA (European Food Safety Authority) (2009) Conclusion on the peer review of the pesticide risk assessment of the active substance carbosulfan. *EFSA J.* 7, 1354.

383 FAO and WHO (1982) *Pesticide Residues in Food Ethiofencarb*, <http://www.inchem.org/documents/jmpr/jmpmono/v82pr16.htm>.

384 EFSA (European Food Safety Authority) (2005) Conclusion regarding the peer review of the pesticide risk assessment of the active substance pirimicarb. *EFSA Scientific
Report* 43, 1-76.

385 FAO and WHO (1982) *Pesticide Residues in Food Bendiocarb*, <http://www.inchem.org/documents/jmpr/jmpmono/v82pr05.htm>.

386 Proctor, N. H., and Casida, J. E. (1975) Organophosphorus and methyl carbamate insecticide teratogenesis, diminished NAD in chicken embryos. *Science* 190, 580-582.

387 EFSA (European Food Safety Authority) (2006) Conclusion regarding the peer review of the pesticide risk assessment of the active substance methiocarb. *EFSA Scientific
Report* 79, 1-82.

388 FAO and WHO (1979) *Pesticide Residues in Food Aminocarb*, <http://www.inchem.org/documents/jmpr/jmpmono/v079pr40.htm>.

389 EFSA (European Food Safety Authority) (2009) Conclusion regarding the peer review of the pesticide risk assessment of the active substance carbofuran. *EFSA J.* 7, 1354.

390 Anonymous (1968) *Evaluation of Carcinogenic, Teratogenic, and Mutagenic Activities of Selected Pesticides and Industrial Chemicals. 2. Teratogenic Study in Mice and
Rats*, <http://specialcollections.nal.usda.gov/sites/specialcollections.nal.usda.gov/files/03134.pdf>.

391 U.S. EPA (1977) *Reregistration Eligibility Decision Propoxur*, <http://www.epa.gov/oppsrrd1/REDs/2555red.pdf>.

392 FAO and WHO (1989) *Propoxur (Pesticide residues in food, 1989 evaluations Part II Toxicology)*, <http://www.inchem.org/documents/jmpr/jmpmono/v89pr13.htm>.

393 EFSA (European Food Safety Authority) (2006) Conclusion regarding the peer review of the pesticide risk assessment of the active substance carbaryl. *EFSA Scientific
Report* 80, 1-71.

394 Thibodeaux, J. R., Hanson, R. G., Rogers, J. M., Grey, B. E., Barbee, B. D., Richards, J. H., Butenhoff, J. L., Stevenson, L. A., and Lau, C. (2003) Exposure to perfluorooctane
sulfonate during pregnancy in rat and mouse. I: Maternal and prenatal evaluations. *Toxicol. Sci.* 74, 369-381.

395 Health Canada (2006) *State of the Science Report for a Screening Health Assessment, Perfluorooctane Sulfonate (PFOS) Its Salts and Its Precursors*,
http://www.ec.gc.ca/lcpe-cepa/09F567A7-B1EE-1FEE-73DB-8AE6C1EB7658/HC_SOS_PFOS-eng.pdf

396 U.S. EPA (2000) *Support, Absorption & Biotransformation of N-Ethyl Fose & Tissue Distribution & Elimination of C-14 After Administration Of N-Ethyl Fose-14c in Feed,
W/Cover Letter Dated 050400*, Washington, DC.

397 Lau, C., Rogers, J. M., Hanson, R. G., Barbee, B. D., Narotsky, M. G., Schmid, J. E., and Richards, J. H. (2001) Developmental toxicity of perfluorooctane sulfonate (PFOS) in
the rat and mouse. *Teratology* 63, 290.

398 Henwood, S. M., McKee-Pesik, P., Costello, A. C., and Osimitz, T. G. (1994) Developmental toxicity study with lithium perfluorooctane sulfonate in rats. *Teratology* 45,
398.

399 Henwood, S. M., McKee-Pesik, P., Costello, A. C., and Osimitz, T. G. (1994) Developmental toxicity study with lithium perfluorooctane sulfonate in rabbits. *Teratology* 45,
398.

400 ATSDR (Agency for Toxic Substances and Disease Registry) (2012) *Toxicological Profile for 1,4-Dioxane*, Atlanta, GA.

401 Gaunt, I. F., Hardy, J., Grasso, P., Gangolli, S. D., and Butterworth, K. R. (1976) Long-term toxicity of cyclohexylamine hydrochloride in the rat. *Food Cosmet. Toxicol.* 14, 255-267.

402 Oser, Bernard L., Carson, S., Cox, G., Vogin, E., and Sternberg, S. (1976) Long-term and multigeneration toxicity studies with cyclohexylamine hydrochloride. *Toxicology* 6, 47-65.

403 Creasy, D. M., Ford, G. R., and Gray T. J. B. (1990) The morphogenesis of cyclohexylamine-induced testicular atrophy in the rat, in vivo and in vitro studies. *Exp. Mol. Pathol.* 52, 155-169.

404 Becker, B. A., and Gibson, J. E. (1970) Teratogenicity of cyclohexylamine in mammals. *Toxicol. Appl. Pharmacol.* 17, 551-552.

405 European Chemicals Bureau (2005) *European Union Risk Assessment Report for Piperazine*, <http://echa.europa.eu/documents/10162/c0bde562-8fc4-47f4-a230-6177790aae1a>

406 The European Agency for the Evaluation of Medicinal Products, Committee for Veterinary Medicinal Products (2000) *Decoquinat Summary Report*, http://www.ema.europa.eu/docs/en_GB/document_library/Maximum_Residue_Limits_-_Report/2009/11/WC500013575.pdf.

407 Burkhardt, J. E., Hill, M. A., Turek, J. J., and Carlton, W. W. (1992) Ultrastructural changes in articular cartilages of immature beagle dogs dosed with difloxacin, a fluoroquinolone. *Vet. Pathol.* 29, 230-238.

408 Takayama, S., Watanabe, T., Akiyama, Y., Ohura, K., Harada, S., Matsushashi, K., Mochida, K., and Yamashita, N. (1986) Reproductive toxicity of ofloxacin. *Arzneim. Forsch.* 36, 1244-1248.

409 Pfizer Animal Health (2002) *Freedom of Information Summary Original New Animal Drug Application NADA 141-207 A180 Sterile Antimicrobial Injectable Solution (danofloxacin mesylate)*, <http://www.fda.gov/downloads/animalveterinary/products/approvedanimaldrugproducts/foiadrugsummaries/ucm117754.pdf>.

410 WHO (World Health Organization) (Undated) *Enrofloxacin (WHO Food Additives Series 34)*, Geneva, Switzerland.

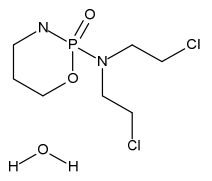
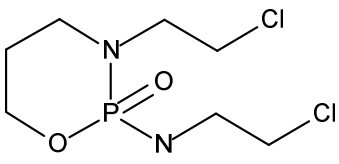
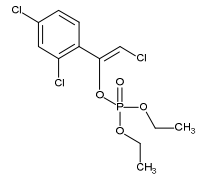
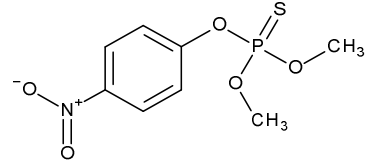
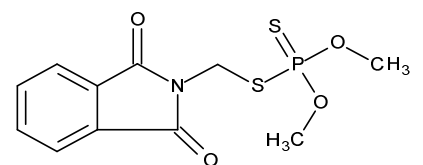
411 Lozo, E., Förster, C., Dietz, M., Löwe, W., Baumann, I., Thiel, R., and Stahlmann, R. (1996) Ciprofloxacin and N-methyl-ciprofloxacin induce joint cartilage lesions in immature rats. *Teratology* 53, 32A.

412 Gerenutti, M., Del Fiol, F. S., Groppo, F. C. (2006) Reproductive performance of pregnant rats and embryotoxic effects of ciprofloxacin. *Pharmazie* 61, 79-80.

413 The European Agency for the Evaluation of Medicinal Products, Committee for Veterinary Medicinal Products (1996) *Marbofloxacin Summary Report*, http://www.ema.europa.eu/docs/en_GB/document_library/Maximum_Residue_Limits_-_Report/2009/11/WC500014864.pdf.

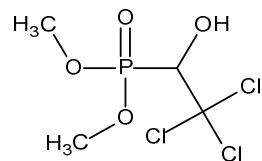
414 Watanabe, T., Fujikawa, K., Harada, S., Ohura, K., Sasaki, T., Takayama, S. (1992) Reproductive toxicity of the new quinolone antibacterial agent levofloxacin in rats and rabbits. *Arzneim. Forsch.* 43, 374-377.

415 WHO (World Health Organization) (Undated) *WHO Food Additives Series 33 Flumequin*, Geneva, Switzerland.

CAS #	Chemical Name	Structure
6055-19-2	Cyclophosphamide	
3778-73-2	Ifosfamide	
470-90-6	Chlorfenvinphos	
298-00-0	Methyl parathion	
732-11-6	Phosmet	

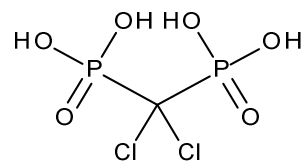
52-68-6

Trichlorfon



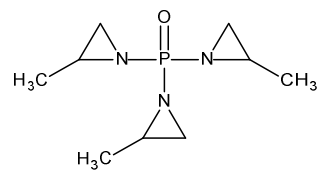
10596-23-3

Clodronic acid



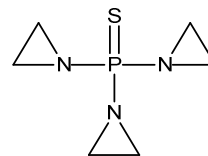
57-39-6

Metepa



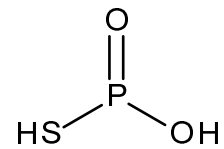
52-24-4

Thiotepa



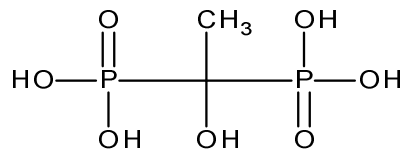
19028-32-1

Phosphonothioic acid



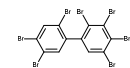
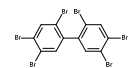
2809-21-4

Etidronic acid



59536-65-1

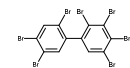
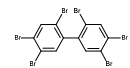
FireMaster® BP-6



REPRESENTATIVE STRUCTURES

67774-32-7

FireMaster® FF-1



REPRESENTATIVE STRUCTURES

12674-11-2

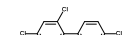
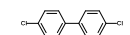
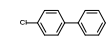
Aroclor 1016



REPRESENTATIVE STRUCTURES

11104-28-2

Aroclor 1221



REPRESENTATIVE STRUCTURES

11141-16-5

Aroclor 1232



REPRESENTATIVE STRUCTURES

53469-21-9

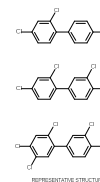
Aroclor 1242



REPRESENTATIVE STRUCTURES

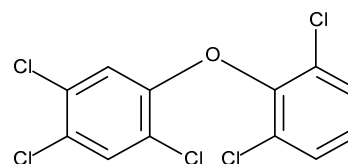
12672-29-6

Aroclor 1248



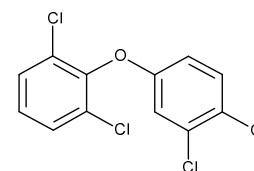
130892-67-0

2,2,4,5,6-Pentachlorodiphenyl ether



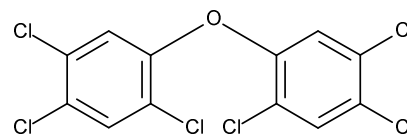
130892-66-9

2,3,4,6-Tetrachlorodiphenylether



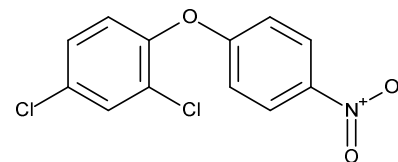
71859-30-8

2,2,4,4,5,5-Hexachlorodiphenyl ether



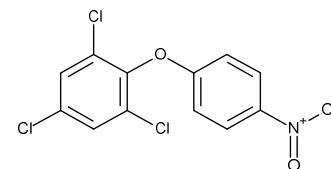
1836-75-5

Nitrofen



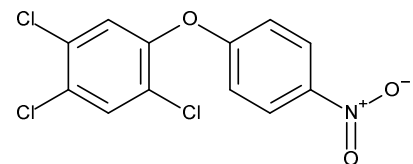
1836-77-7

2,4,6-Trichlorophenyl 4'-nitrophenyl ether



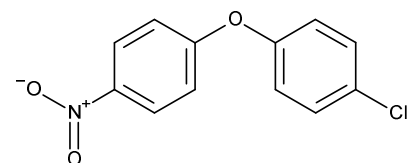
22532-68-9

2,4,5-Trichlorophenyl 4'-nitrophenyl ether



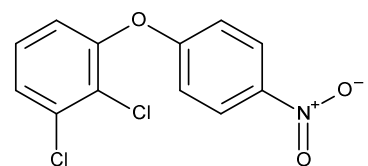
1836-74-4

4-Monochloronitrophenylether



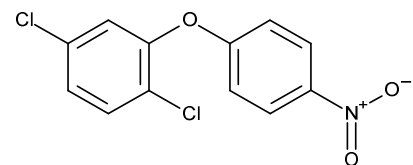
82239-20-1

2,3-Dichloronitrophenylether



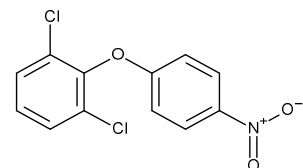
39145-48-7

2,5-Dichlorophenyl p-nitrophenyl ether



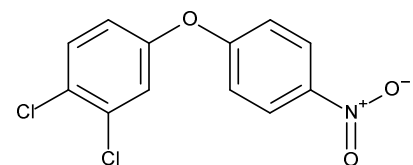
2093-28-9

2,6-Dichloronitrophenylether



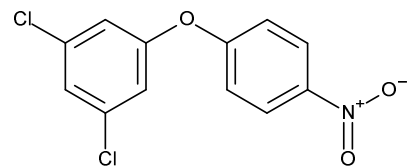
22532-80-5

3,4-Dichlorophenyl p-nitrophenyl ether



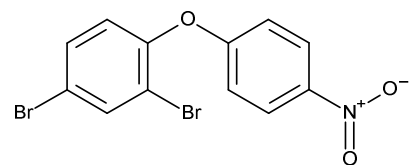
21105-77-1

3,5-Dichloro-4'-nitrodiphenyl ether



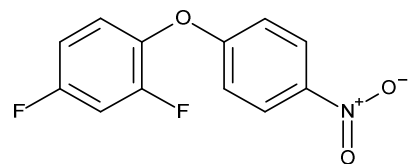
2671-93-4

2,4-Dibromophenyl 4'-nitrophenyl ether



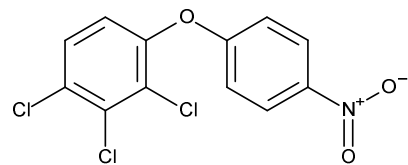
28280-37-7

2,4-Difluorophenyl 4'-nitrophenyl ether



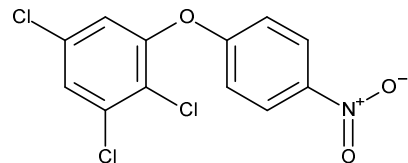
142022-61-5

2,3,4-Trichlorophenyl 4'-nitrophenyl ether



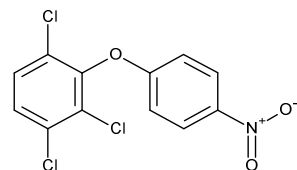
142022-59-1

2,3,5-Trichlorophenyl 4'-nitrophenyl ether



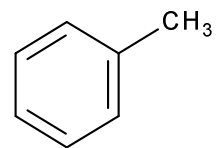
142022-58-0

2,3,6-Trichlorophenyl 4'-nitrophenyl ether



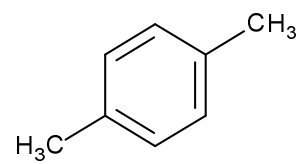
108-88-3

Toluene



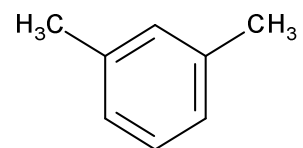
106-42-3

p-Xylene



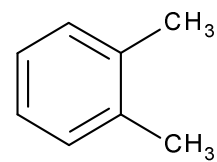
108-38-3

m-Xylene



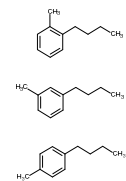
95-47-6

o-Xylene



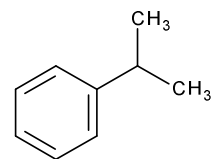
27458-20-4

Butyltoluene



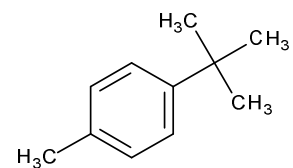
98-82-8

Cumene



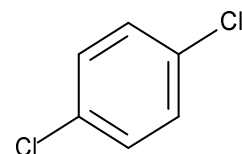
98-51-1

4-tert-Butyltoluene



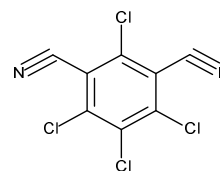
106-46-7

para-Dichlorobenzene



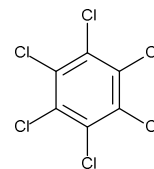
1897-45-6

Chlorothalonil



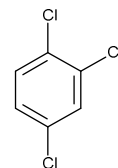
118-74-1

Hexachlorobenzene



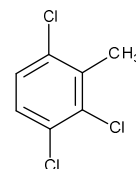
120-82-1

1,2,4-Trichlorobenzene



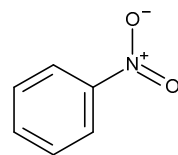
2077-46-5

2,3,6-Trichlorotoluene



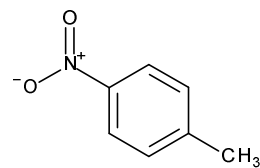
98-95-3

Nitrobenzene



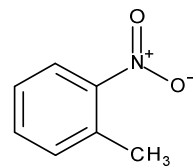
99-99-0

4-Nitrotoluene



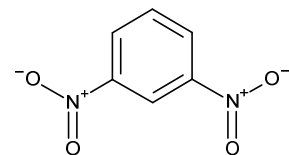
88-72-2

2-Nitrotoluene



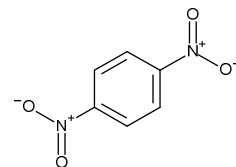
99-65-0

m-Dinitrobenzene



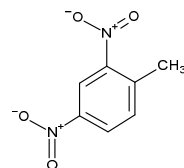
100-25-4

p-Dinitrobenzene



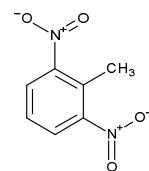
121-14-2

2,4-Dinitrotoluene



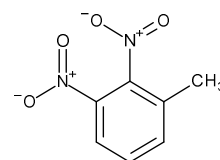
606-20-2

2,6-Dinitrotoluene



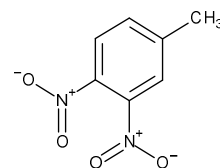
602-01-7

2,3-Dinitrotoluene



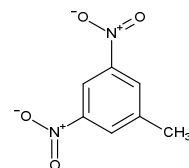
610-39-9

3,4-Dinitrotoluene



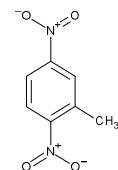
618-85-9

3,5-Dinitrotoluene



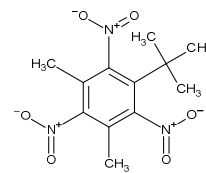
619-15-8

2,5-Dinitrotoluene



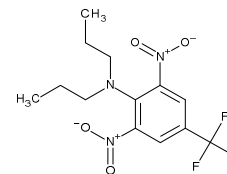
81-15-2

Musk Xylene



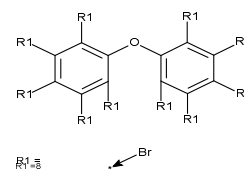
1582-09-8

Trifluralin



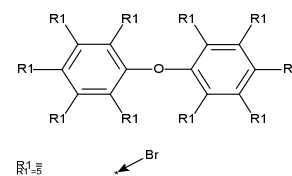
32536-52-0

Octabromodiphenyl ether



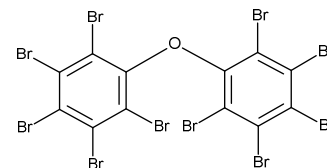
32534-81-9

Pentabromodiphenyl ether



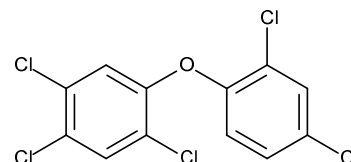
1163-19-5

Decabromobiphenyl ether



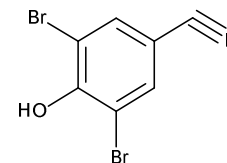
60123-64-0

2,2',4,4',5-Pentachlorodiphenylether



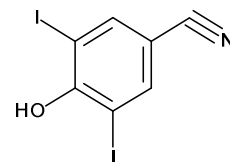
1689-84-5

Bromoxynil



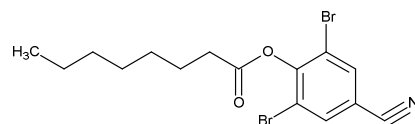
1689-83-4

Ioxynil



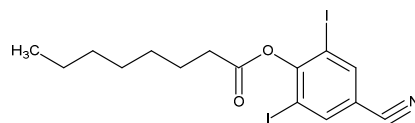
1689-99-2

Bromoxynil octanoate



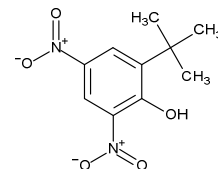
3861-47-0

Ioxynil octanoate



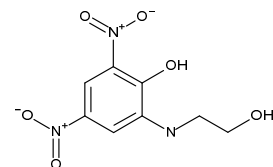
1420-07-1

Dinoterb



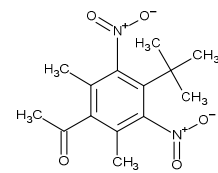
99610-72-7

2-(2-Hydroxy-3,5-dinitroanilino)ethanol



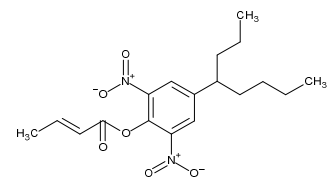
81-14-1

Musk Ketone



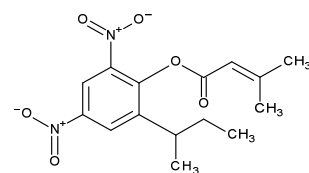
6903-25-9

2,6-Dinitro-4-(1-propylpentyl)phenyl crotonate



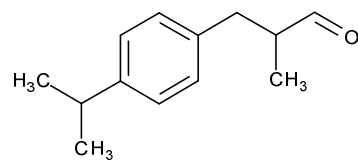
485-31-4

Binapacryl



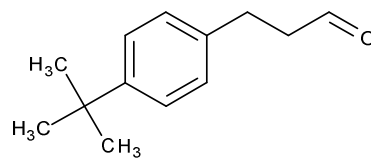
103-95-7

Cyclamen aldehyde



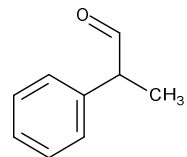
18127-01-0

Bourgeonal



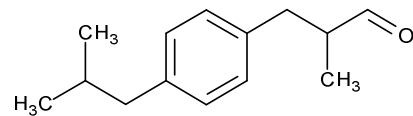
93-53-8

Cumene aldehyde



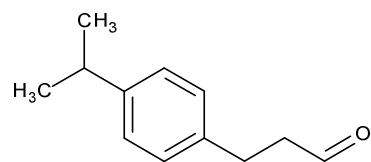
6658-48-6

Silvial



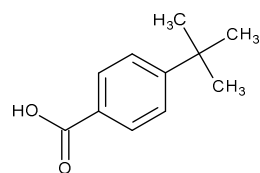
7775-00-0

Cyclemax



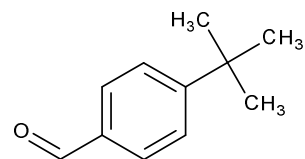
98-73-7

p-tert-Butylbenzoic acid



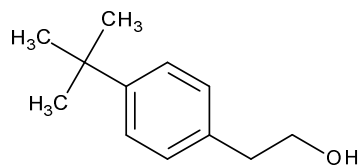
939-97-9

p-tert-Butylbenzaldehyde



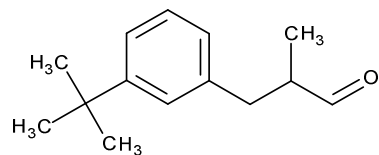
5406-86-0

p-tert-Butylphenethyl alcohol



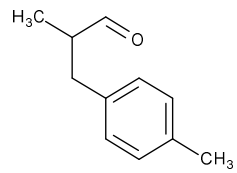
62518-65-4

3-(3-tert-Butylphenyl)-2-methylpropanal



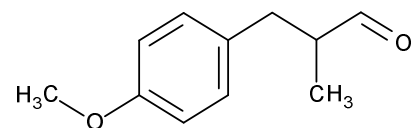
41496-43-9

2-Methyl-3-p-tolylpropanal



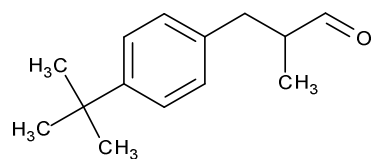
5462-06-6

3-(4-Methoxy phenyl)-2-methylpropionaldehyde



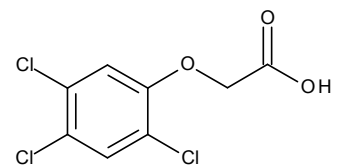
80-54-6

4-tert-Butyl- α -methylhydrocinnamic aldehyde



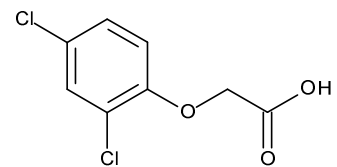
93-76-5

2,4,5-Trichlorophenoxycetic acid



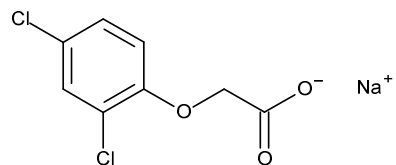
94-75-7

Dichlorophenoxyacetic acid 2,4-D



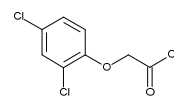
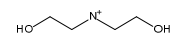
2702-72-9

2,4-D Sodium salt



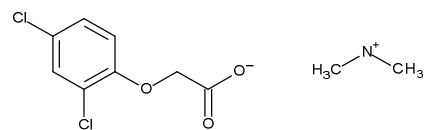
5742-19-8

2,4-D Diethanolamine salt



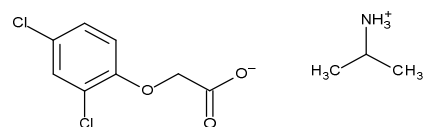
2008-39-1

2,4-D Dimethylamine salt (DMA)



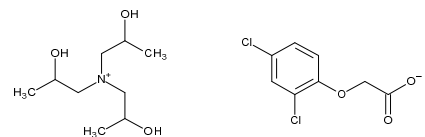
5742-17-6

2,4-D Isopropylamine salt (IPA)



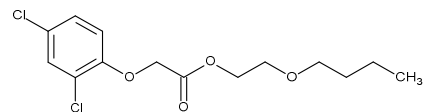
32341-80-3

2,4-D Triisopropanolamine salt (TIPA)



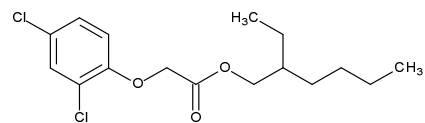
1929-73-3

2,4-D 2-Butoxyethyl ester (BEE)



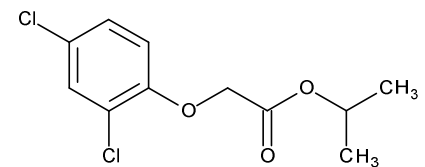
1928-43-4

2,4-D 2-Ethylhexyl ester (2-EHE)



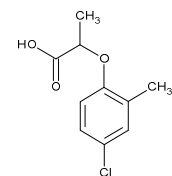
94-11-1

2,4-D Isopropyl ester (IPE)



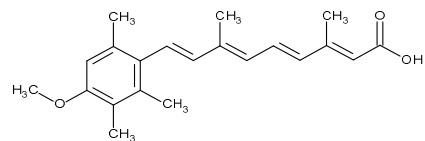
93-65-2

Mecoprop



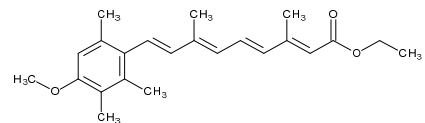
55079-83-9

Acitretin



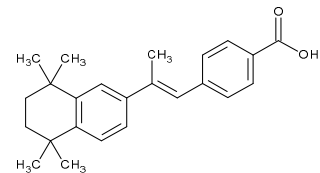
54350-48-0

Etretinate



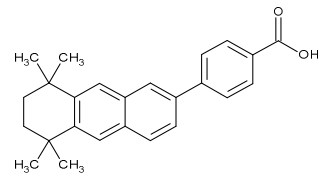
71441-28-6

Arotinoid acid



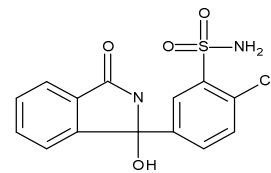
107430-51-3

Benzoic acid, 4-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-anthracenyl)-



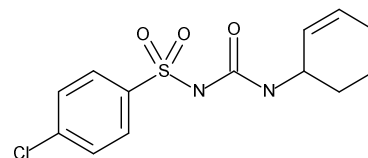
77-36-1

Chlorthalidone



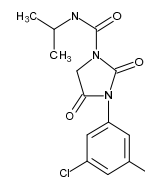
19523-45-6

Chlorcyclamide



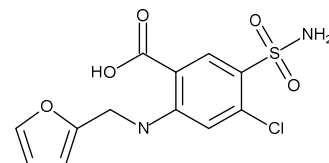
36734-19-7

Iprodione



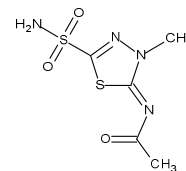
54-31-9

Furosemide



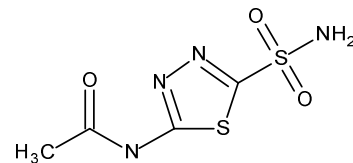
554-57-4

Methazolamide



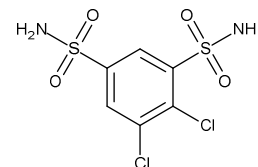
59-66-5

Acetazolamide



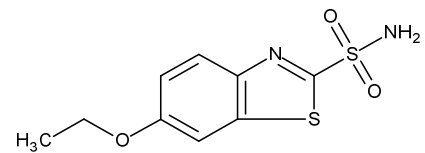
120-97-8

Dichlorphenamide



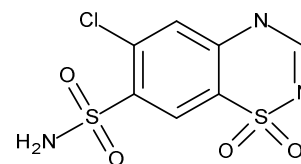
452-35-7

Ethoxzolamide



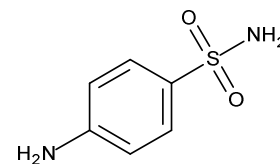
58-94-6

Chlorothiazide



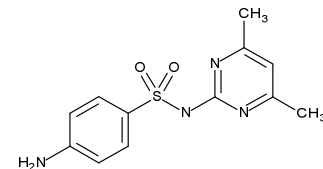
63-74-1

Sulfanilamide



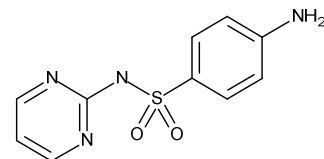
57-68-1

Sulfamethazine



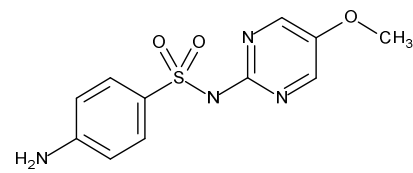
68-35-9

Sulfadiazine



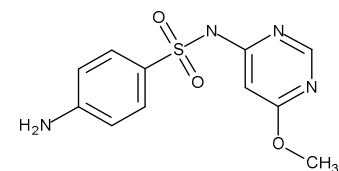
651-06-9

Sulfamethoxine



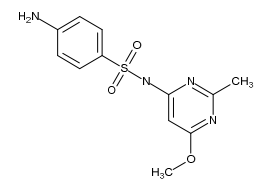
1220-83-3

Sulfamonomethoxine



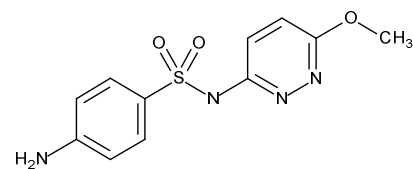
3772-76-7

Sulfamethomidine



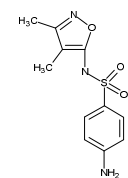
80-35-3

Sulfamethoxypyridazine



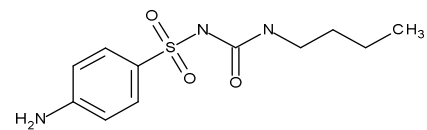
127-69-5

Sulfisoxazole



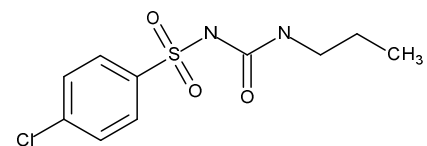
339-43-5

Carbutamide



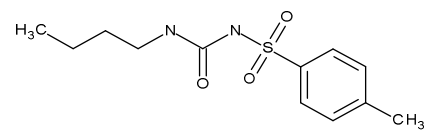
94-20-2

Chloropropamide



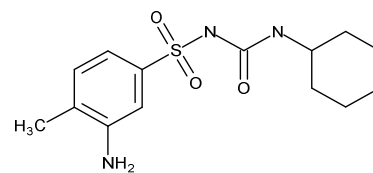
64-77-7

Tolbutamide



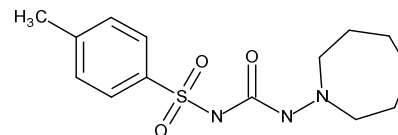
565-33-3

Metahexamide



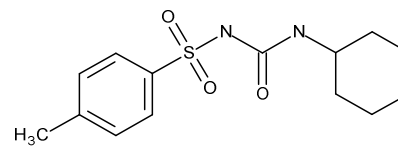
1156-19-0

Tolazamide



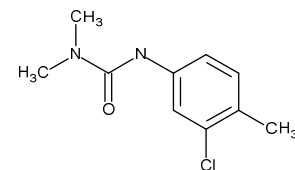
664-95-9

Glycyclamide



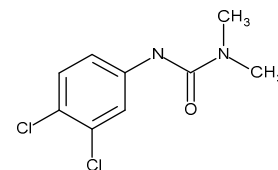
15545-48-9

Chlorotoluron



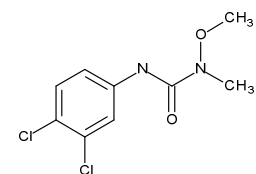
330-54-1

Diuron



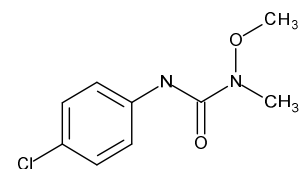
330-55-2

Linuron



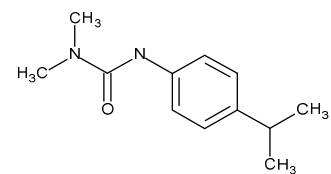
1746-81-2

Monolinuron



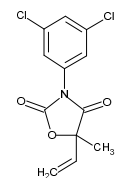
34123-59-6

Isoproteron



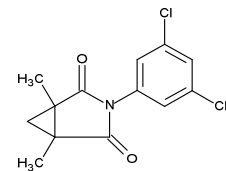
50471-44-8

Vinclozolin



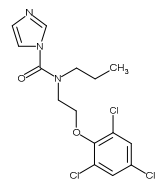
32809-16-8

Procyamidone



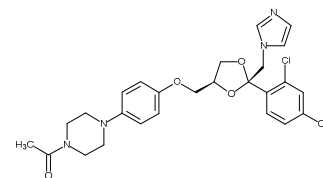
67747-09-5

Prochloraz



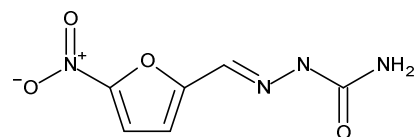
65277-42-1

Ketoconazole



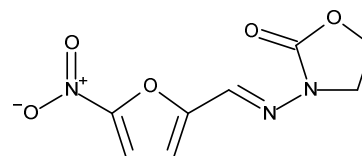
59-87-0

Nitrofurazone



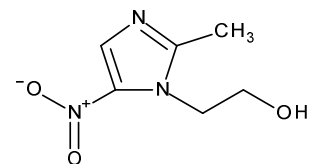
67-45-8

Furazolidone



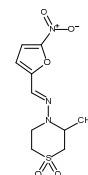
443-48-1

Metronidazole



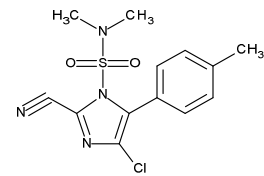
23256-30-6

Nifurtimox



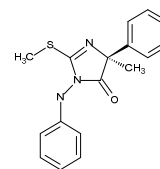
120116-88-3

Cyazafamid



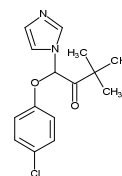
161326-34-7

Fenamidone



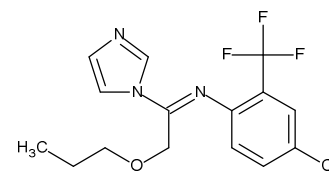
38083-17-9

Climbazole



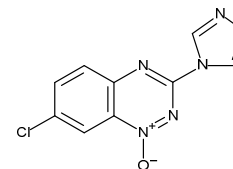
68694-11-1

Triflumizole



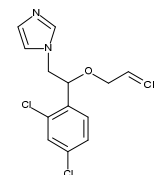
72459-58-6

Triazoxide



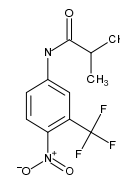
35554-44-0

Enilconazole



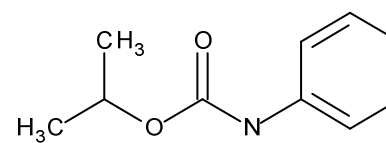
13311-84-7

Flutamide



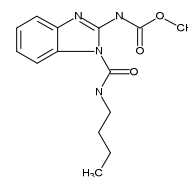
122-42-9

Profam



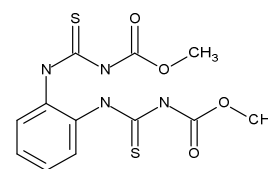
17804-35-2

Benomyl



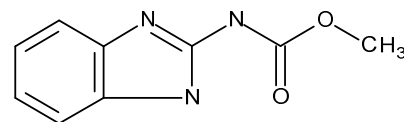
23564-05-8

Thiophanate methyl



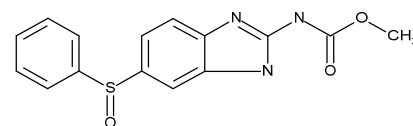
10605-21-7

Carbendazim



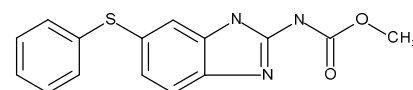
53716-50-0

Oxfendazole



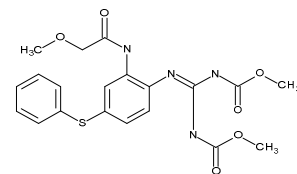
43210-67-9

Fenbendazole



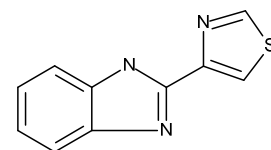
58306-30-2

Febantel



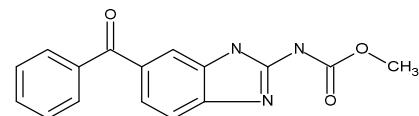
148-79-8

Thiabendazole



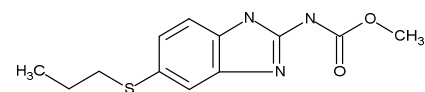
31431-39-7

Mebendazole



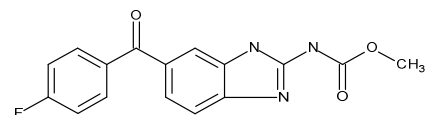
54965-21-8

Albendazole



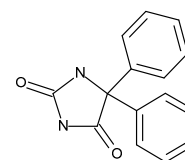
31430-15-6

Flubendazole



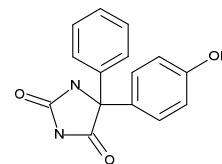
57-41-0

Dipenylhydantoin



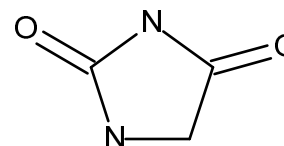
2784-27-2

Hydroxyphenytoin



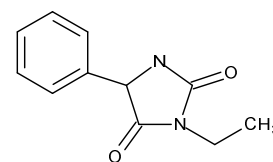
461-72-3

Hydantoin



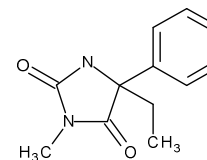
86-35-1

Ethotoin



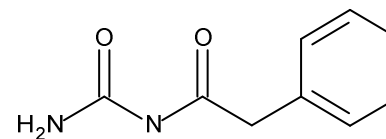
50-12-4

Mephenytoin



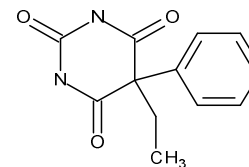
63-98-9

Phenacemide



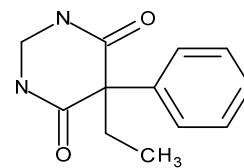
50-06-6

Phenobarbital



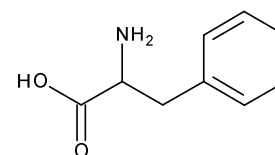
125-33-7

Primidone



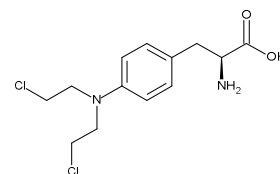
150-30-1

Phenylalanine



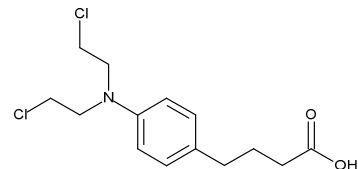
148-82-3

Melphalan



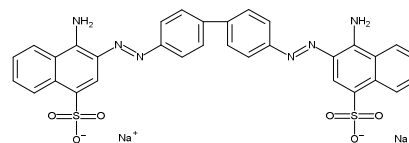
305-03-3

Chlorambucil



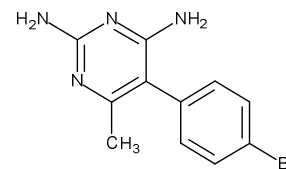
573-58-0

Congo Red



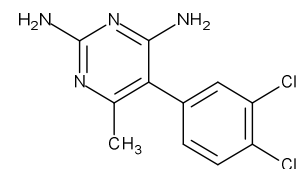
7331-25-1

2,4-Pyrimidinediamine, 5-(4-bromophenyl)-6-methyl-



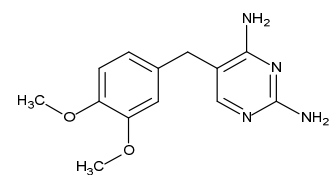
7761-45-7

2,4-Pyrimidinediamine, 5-(3,4-dichlorophenyl)-6-methyl-



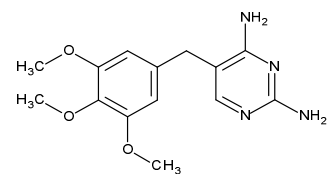
5355-16-8

2,4-Pyrimidinediamine, 5-[(3,4-dimethoxyphenyl)methyl]-



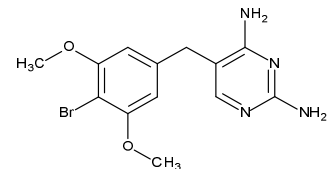
738-70-5

2,4-Pyrimidinediamine, 5-[(3,4,5-trimethoxyphenyl)methyl]-



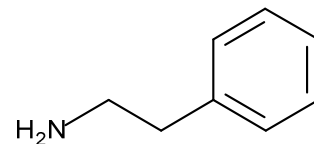
56518-41-3

2,4-Pyrimidinediamine, 5-[(4-bromo-3,5-dimethoxyphenyl)methyl]



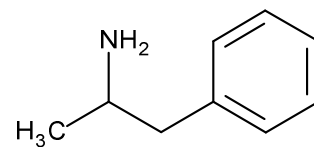
64-04-0

Phenylethylamine



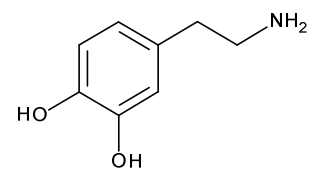
300-62-9

Amphetamine



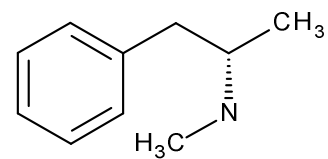
51-61-6

Dopamine



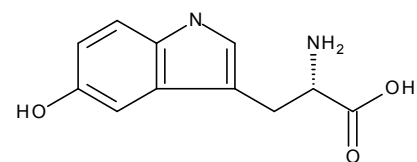
537-46-2

Methamphetamine



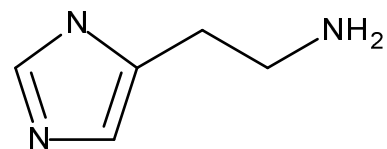
4350-09-8

L-5-Hydroxytryptophan



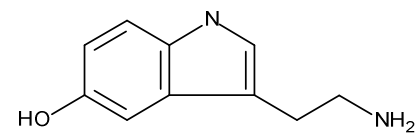
51-45-6

Histamine



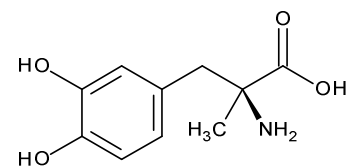
50-67-9

Serotonin



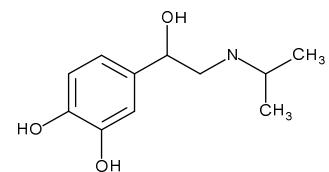
555-30-6

Methyldopa



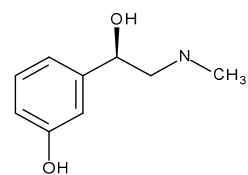
7683-59-2

Isoproterenol



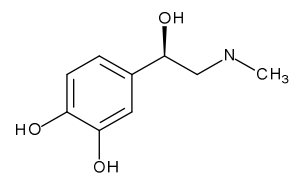
59-42-7

Syneprine



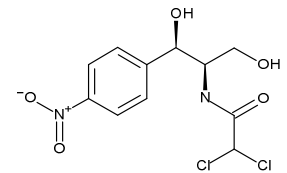
51-43-4

Epinephrine



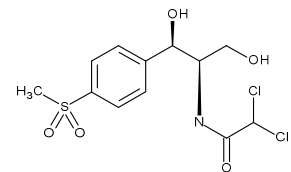
56-75-7

Chloramphenicol



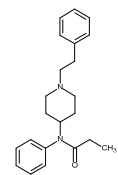
15318-45-3

Thaimphenicol



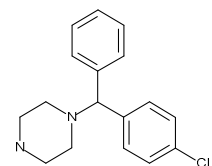
437-38-7

Fentanyl



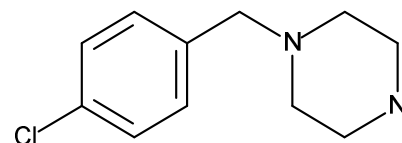
303-26-4

Norchlorcyclizine



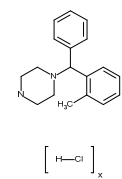
23145-88-2

Norhomochlorcyclizine



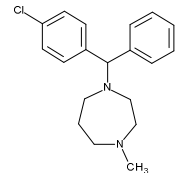
24342-54-9

Normethylcyclizine HCl



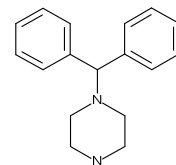
848-53-3

Homochlorcyclizine



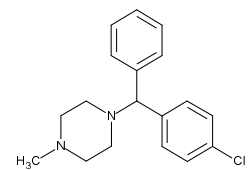
841-77-0

Norcyclizine



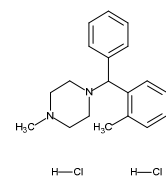
82-93-9

Chlorcyclizine



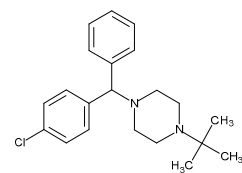
24342-56-1

Methylcyclizine



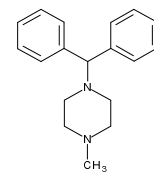
24342-57-2

Chlorcyclizine-n-t-butyl



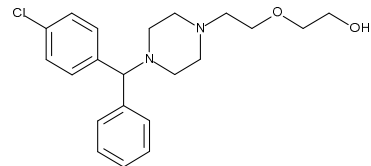
82-92-8

Cyclizine



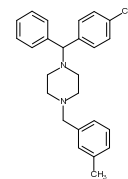
68-88-2

Hydroxyzine



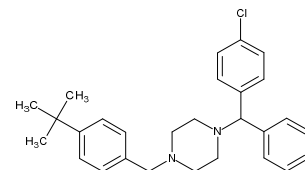
569-65-3

Meclizine



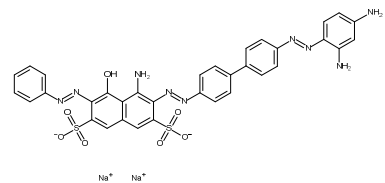
82-95-1

Bucizine



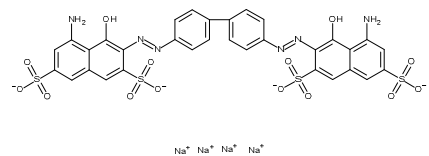
1937-37-7

Direct Black 38



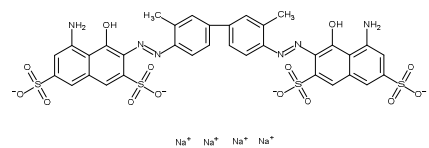
2602-46-2

Direct Blue 6



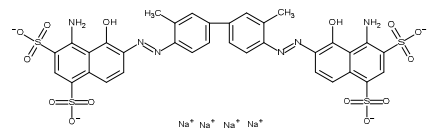
72-57-1

Trypan blue



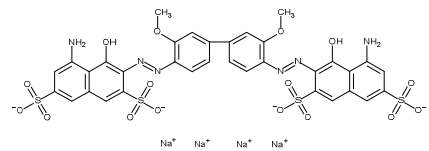
314-13-6

Evans Blue



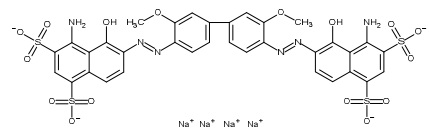
2429-74-5

Direct Blue 15



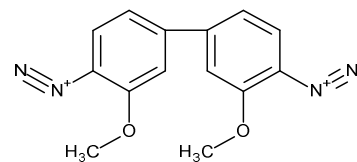
2610-05-1

Direct Blue 1



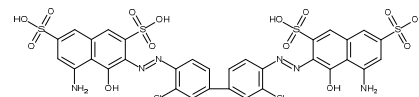
20282-70-6

Fast Blue B



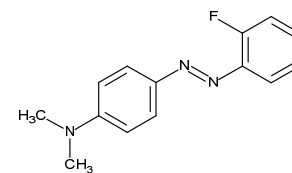
3627-06-3

Afridol Blue



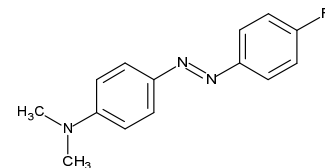
331-91-9

Benzenamine, 4-[2-(2-fluorophenyl)diazenyl]-N,N-dimethyl-



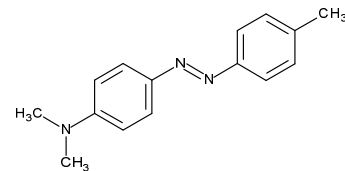
150-74-3

Benzenamine, 4-[2-(4-fluorophenyl)diazenyl]-N,N-dimethyl-



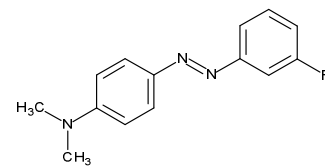
3010-57-9

Benzenamine, N,N-dimethyl-4-[2-(4-methylphenyl)diazenyl]-



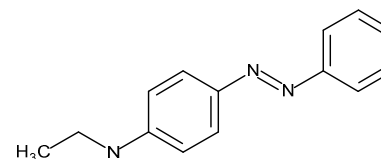
332-54-7

Benzenamine, 4-[2-(3-fluorophenyl)diazenyl]-N,N-dimethyl-



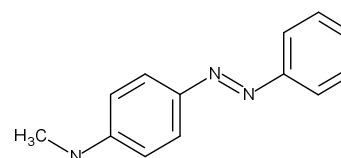
2058-67-5

Benzenamine, N-ethyl-4-(2-phenyldiazenyl)-



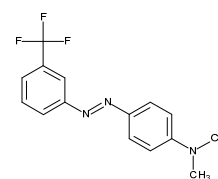
621-90-9

Benzenamine, N-methyl-4-(2-phenyldiazenyl)-



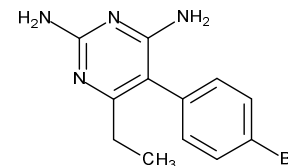
328-96-1

Benzenamine, N,N-dimethyl-4-[2-[3-(trifluoromethyl)phenyl]diazenyl]-



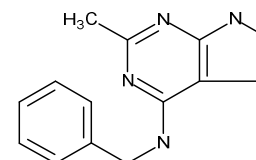
7331-26-2

2,4-Pyrimidinediamine, 5-(4-bromophenyl)-6-ethyl-



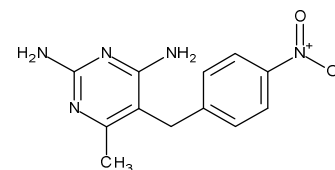
1866-43-9

4-(Benzylamino)-2-methyl-7H-pyrrolo[2,3-d]pyrimidine



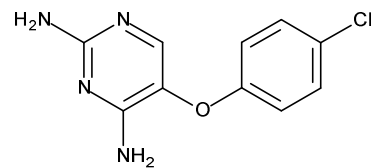
7331-21-7

2,4-Pyrimidinediamine, 6-methyl-5-[(4-nitrophenyl)methyl]-



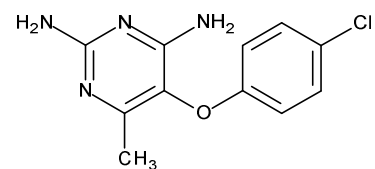
7331-20-6

2,4-Pyrimidinediamine, 5-(4-chlorophenoxy)-



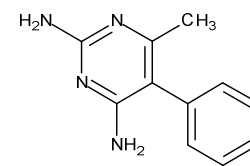
7331-19-3

2,4-Pyrimidinediamine, 5-(4-chlorophenoxy)-6-methyl-



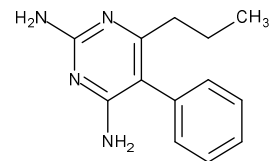
18588-50-6

IEM-687



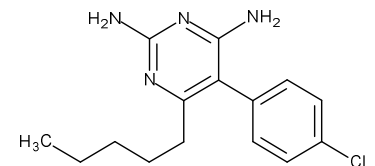
27653-50-5

2,4-Diamino-5-phenyl-6-propyl-pyrimidine



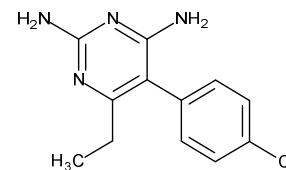
7331-24-0

2,4-Pyrimidinediamine, 5-(4-chlorophenyl)-6-pentyl-



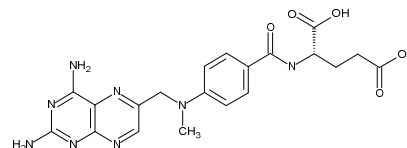
58-14-0

Pyrimethamine



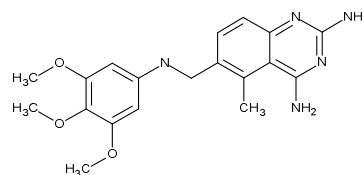
59-05-2

Methotrexate



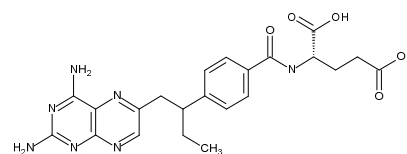
52128-35-5

Trimetrexate



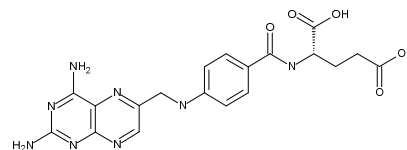
80576-83-6

Edatrexate



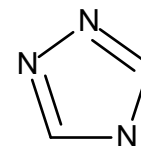
54-62-6

Aminopterin



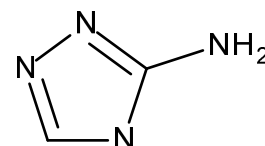
288-88-0

1-H-1,2,4-Triazole



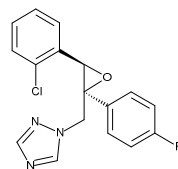
61-82-5

Amitrole



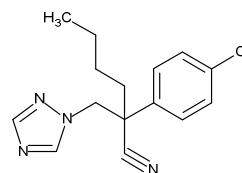
133855-98-8

Epoxiconazole



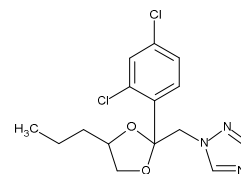
88671-89-0

Myclobutanil



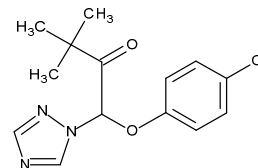
60207-90-1

Propiconazole



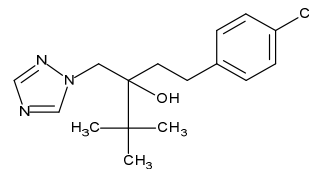
43121-43-3

Triadimefon



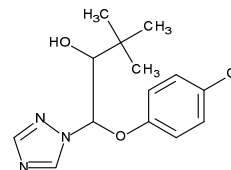
107534-96-3

Tebuconazole



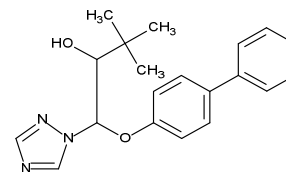
55219-65-3

Triadimenol



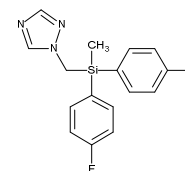
55179-31-2

Biertanol



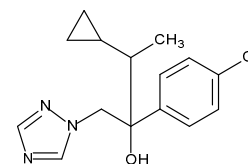
85509-19-9

Flusilazole



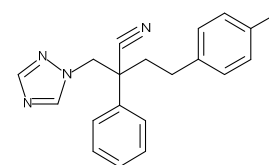
94361-06-5

Cyproconazole



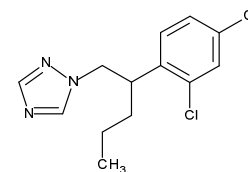
114369-43-6

Fenbuconazole



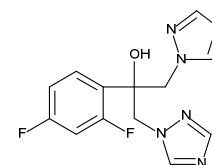
66246-88-6

Penconazole



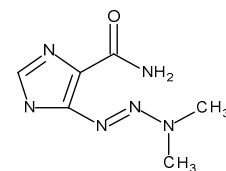
86386-73-4

Fluconazole



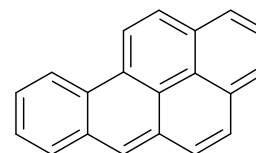
4342-03-4

Dacarbazine



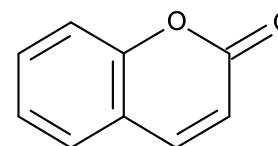
50-32-8

Benzo(a)Pyrene



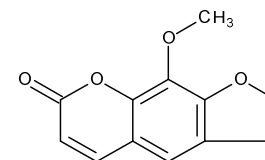
91-64-5

Coumarin



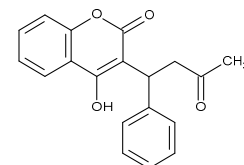
298-81-7

Methoxalen



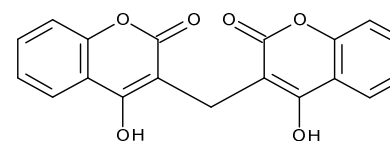
81-81-2

Warfarin



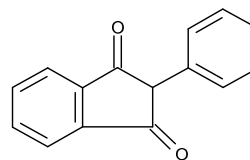
66-76-2

Dicumarol



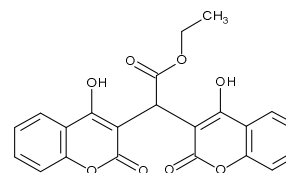
83-12-5

Phenindione



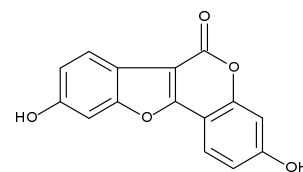
548-00-5

Ethyl biscoumacetate



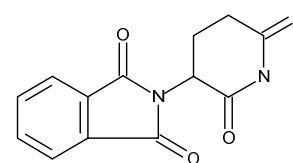
479-13-0

Coumestral



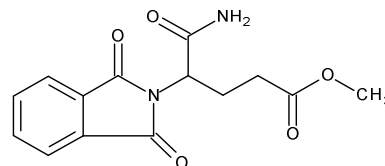
50-35-1

Thalidomide



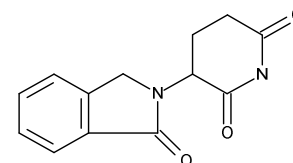
19143-28-3

Glutaramic acid, 4-phthalimido-, methyl ester, DL-



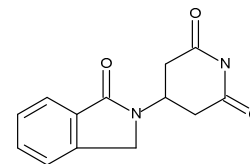
26581-81-7

EM-12



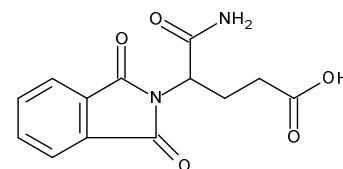
26581-91-9

EM-16



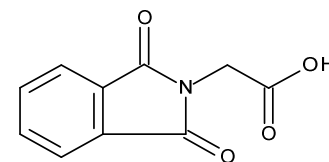
4292-56-2

4-Phthalimidoglutaramic acid



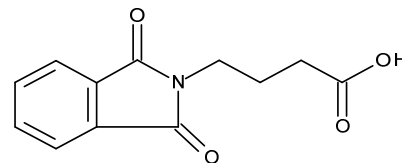
4702-13-0

N-Phthalylglycine (I)



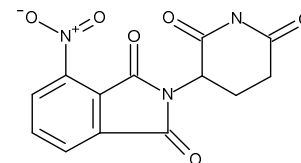
3130-75-4

4-Phthalimidobutyric acid



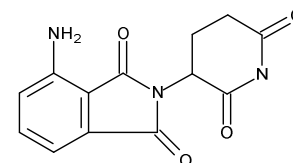
19171-18-7

4-Nitrothalidomide



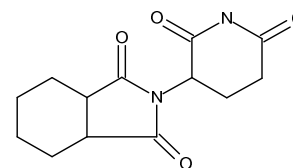
19171-19-8

4-Aminothalidomide



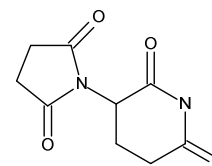
19246-22-1

DI-Hexahydrothalidomide



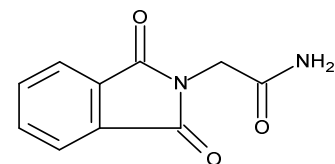
19246-23-2

dl-3'-Succinimidoglutarimide



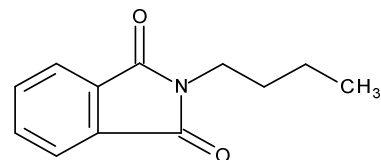
4935-96-0

2-Phthalimidoacetamide



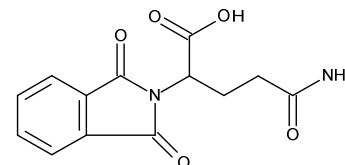
1515-72-6

N-Butylphthalimide



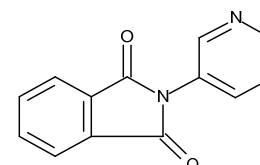
7607-72-9

2-Phthalamidoglutaramic acid



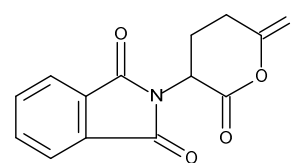
19171-27-8

3-Phthalimidopyridine



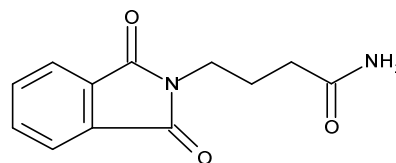
3343-28-0

2-Phthalimidoglutaric acid anhydride



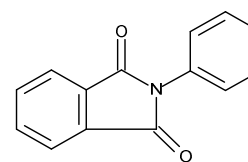
3459-33-4

4-Phthalimidobutyramide



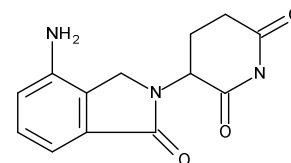
520-03-6

Phthalimidobenzene



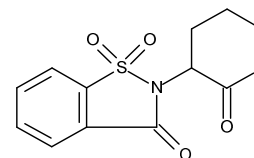
191732-72-6

Lenalidomide



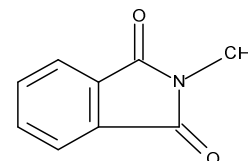
49785-74-2

Supidimide



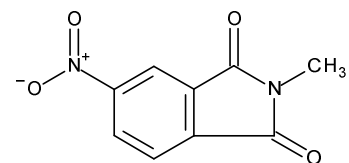
550-44-7

N-Methyl phthalimide



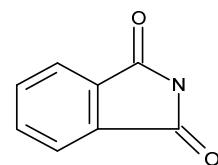
41663-84-7

4-Nitro-N-methylphthalimide



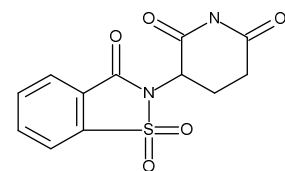
85-41-6

Phthalimide



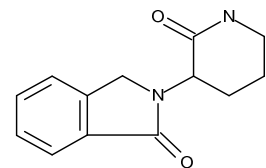
16477-31-9

2,6-Piperidinedione, 3-(3-oxo-1,2-benzisothiazol-2(3H)-yl)-, S,S-dioxide



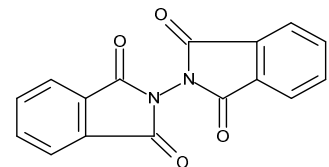
79458-80-3

1H-Isoindol-1-one, 2,3-dihydro-2-(2-oxo-3-piperidiny)-



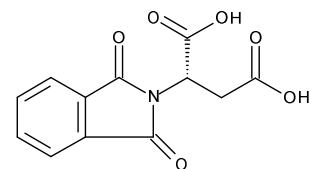
4388-29-8

Phthalimidophthalimide



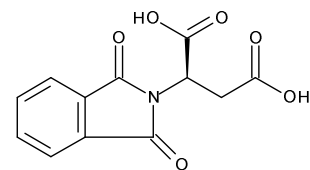
42406-53-1

N-Phthaloyl-L-aspartic acid (L-I)



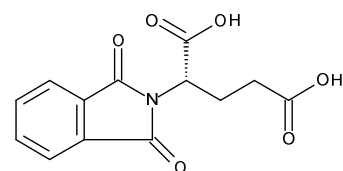
62249-41-6

N-Phthaloyl-D-aspartic acid (D-I)



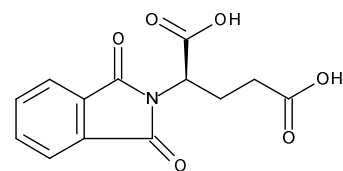
340-90-9

N-Phthalyl-L-glutamic acid (I)



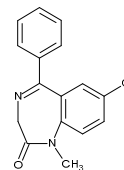
22911-88-2

N-Phthaloyl-D-glutamic acid



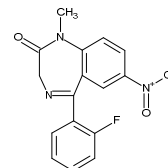
439-14-5

Diazepam



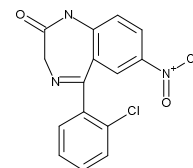
1622-62-4

Flunitrazepam



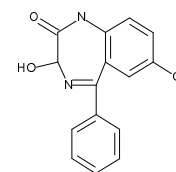
1622-61-3

Clonazepam



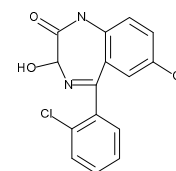
604-75-1

Oxazepam



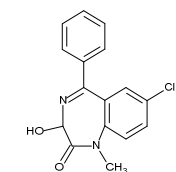
846-49-1

Lorazepam



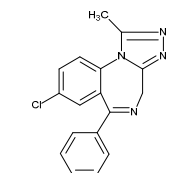
846-50-4

Temazepam



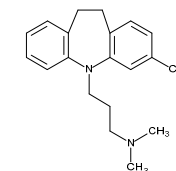
28981-97-7

Alprazolam



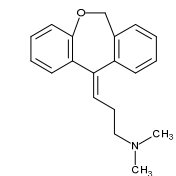
303-49-1

Clomipramine



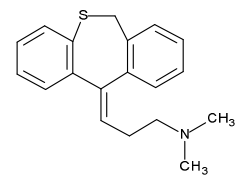
1668-19-5

Doxepin



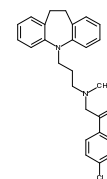
113-53-1

Dosulepin



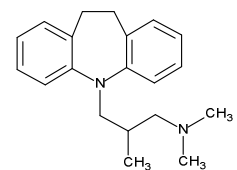
23047-25-8

Lofepramine



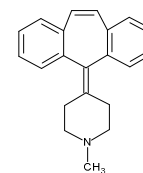
739-71-9

Trimipramine



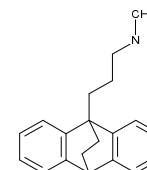
129-03-3

Cypro heptadine



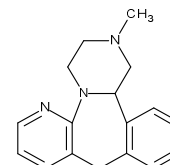
10262-69-8

Maptrotiline



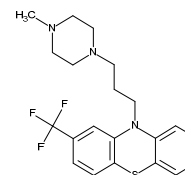
85650-52-8

Mirtazapine



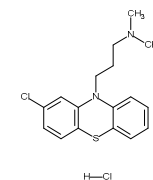
117-89-5

Triluoperazine



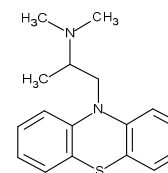
69-09-0

Chlorpromazine



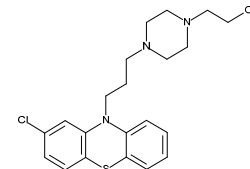
60-87-7

Promethazine



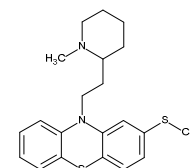
58-39-9

Perphenazine



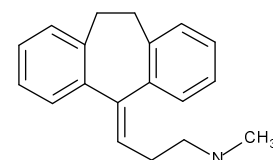
50-52-2

Thioridazine



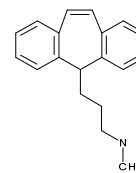
72-69-5

Nortriptyline



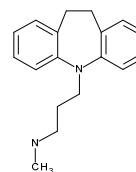
438-60-8

Protriptyline



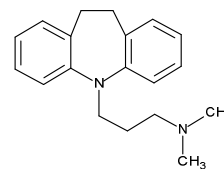
50-47-5

Desipramine



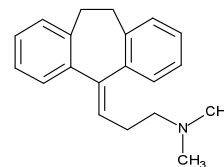
50-49-7

Imipramine



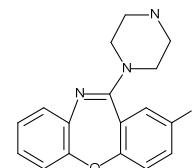
50-48-6

Amitriptyline



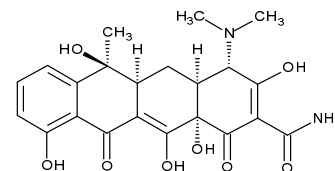
14028-44-5

Amoxapine



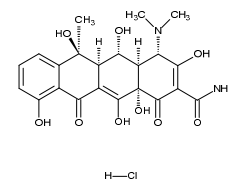
60-54-8

Tetracycline



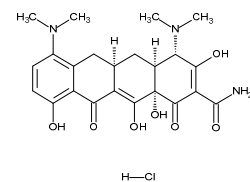
2058-46-0

Oxytetracyclin



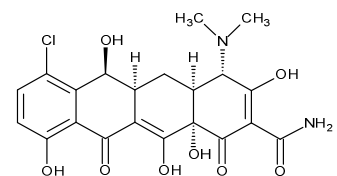
13614-98-7

Minocyclin



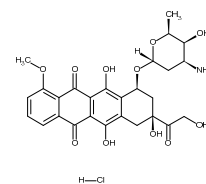
127-33-3

Demeclocycline



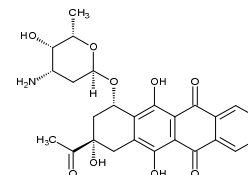
25316-40-9

Doxorubicin HCl



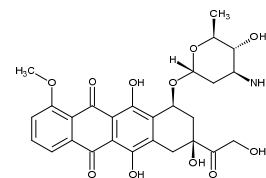
58957-92-9

Idarubicin



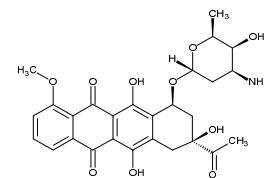
56420-45-2

Epirubicin



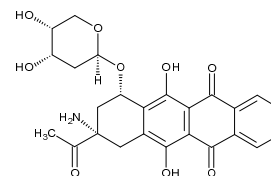
20830-81-3

Daunorubicin



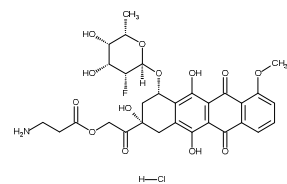
110267-81-7

Amrubicin



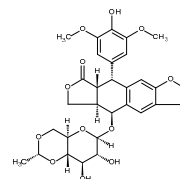
140637-82-7

DA-125



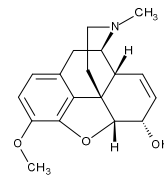
33419-42-0

Etoposide



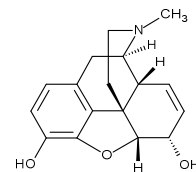
76-57-3

Codeine



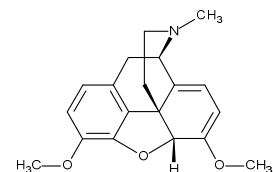
57-27-2

Morphine



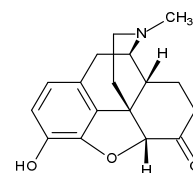
115-37-7

Thebaine



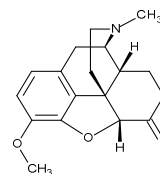
466-99-9

Hydromorphone



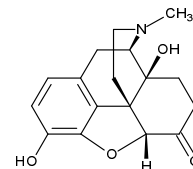
125-29-1

Hydrocodone



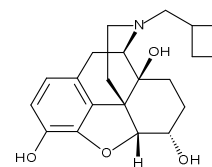
76-41-5

Oxymorphone



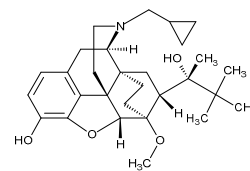
20594-83-6

Nalbuphine



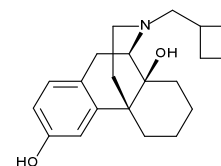
52485-79-7

Buprenorphine



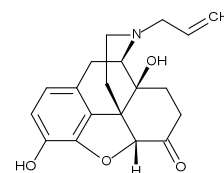
42408-82-2

Butorphanol



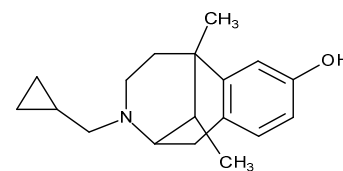
465-65-6

Naloxone



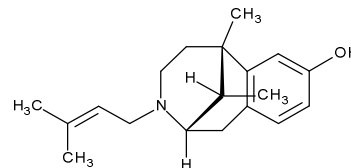
3572-80-3

Cyclazocine



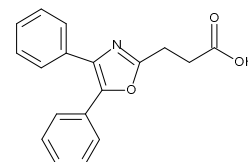
359-83-1

Pentazocine



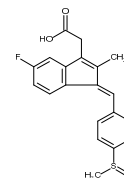
21256-18-8

Oxaprozin



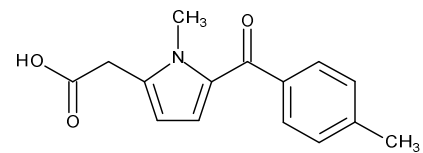
38194-50-2

Sulindac



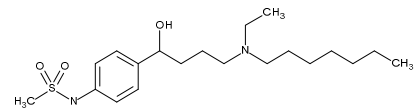
26171-23-3

Tolmetin



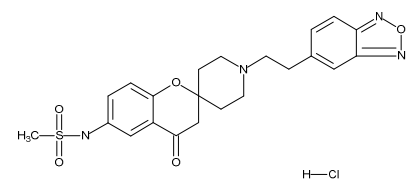
122647-31-8

Ibutilide



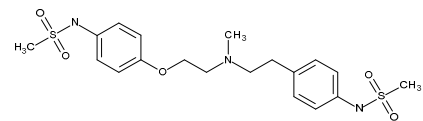
136075-60-0

L 691121



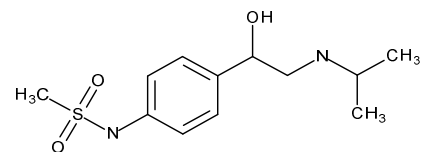
115256-11-6

Dofetilide



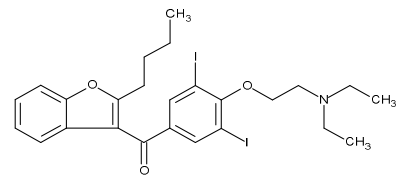
3930-20-9

Sotalol



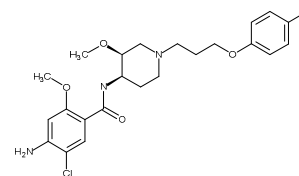
1951-25-3

Amiodarone



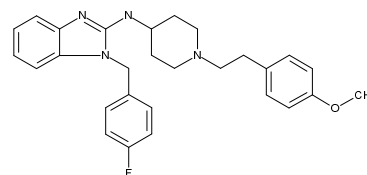
81098-60-4

Cisapride



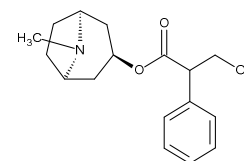
68844-77-9

Astemizole



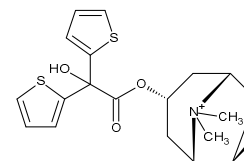
51-55-8

Atropine



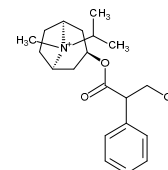
186691-13-4

Tiotropium



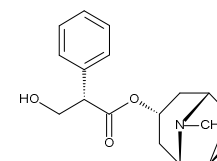
60205-81-4

Ipratropium



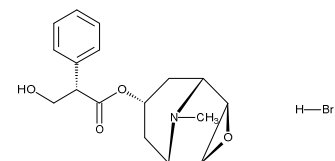
51-34-3

Scopolamine



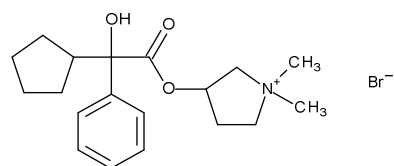
114-49-8

Scopolamine Hydrobromide



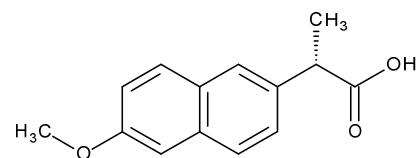
596-51-0

Glycopyrrolate



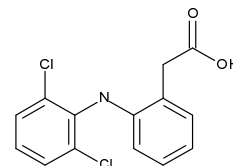
22204-53-1

Naproxen



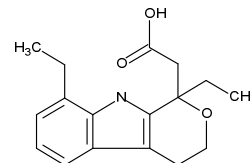
15307-86-5

Diclofenac



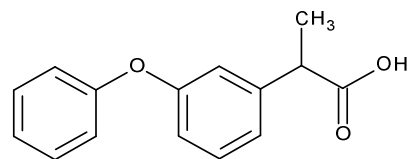
41340-25-4

Etodolac



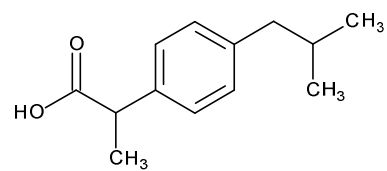
31879-05-7

Fenoprofen



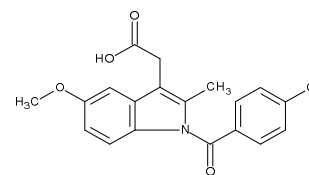
15687-27-1

Ibuprofen



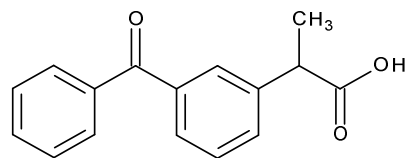
53-86-1

Indomethacin



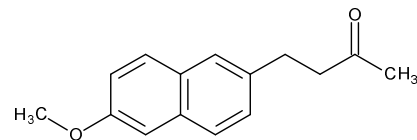
22071-15-4

Ketoprofen



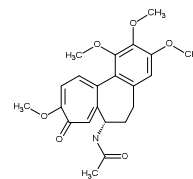
42924-53-8

Nabumetone



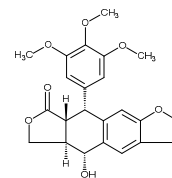
64-86-8

Colchicine



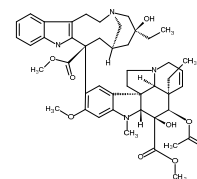
518-28-5

Podophyllotoxin



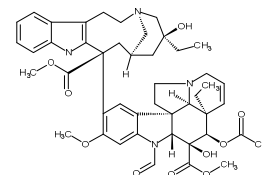
865-21-4

Vinblastine



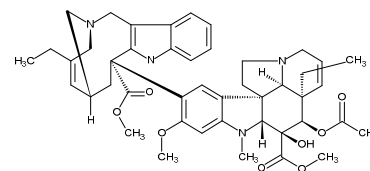
57-22-7

Vincristine



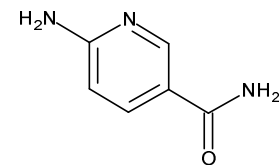
71486-22-1

Vinorelbine



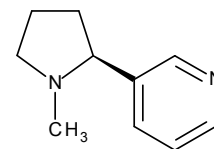
329-89-5

6-Aminonicotinamide



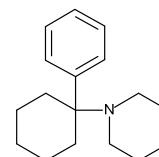
54-11-5

Nicotine



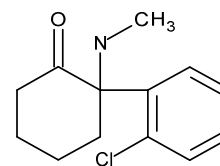
77-10-1

Phencyclidine



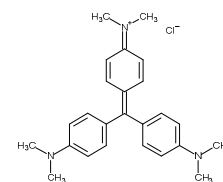
6740-88-1

Ketamine



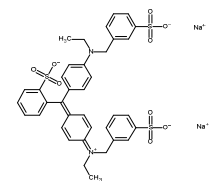
548-62-9

Gentian violet



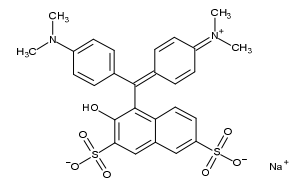
3844-45-9

Brilliant Blue FCF



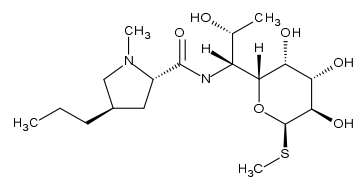
3087-16-9

Green S



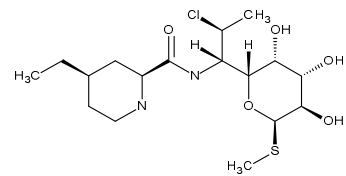
154-21-2

Lincomycin



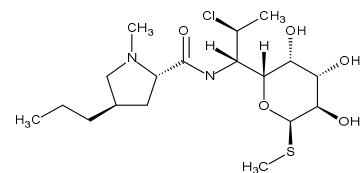
79548-73-5

Pirlimycin



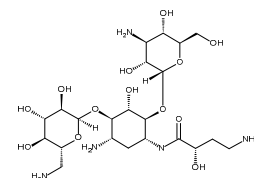
18323-44-9

Clindamycin



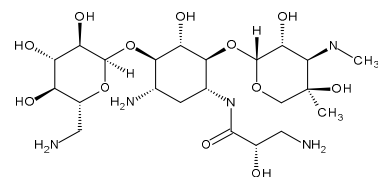
37517-28-5

Amikacin



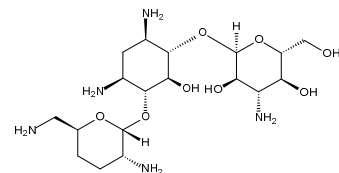
58152-03-7

Isepamicin



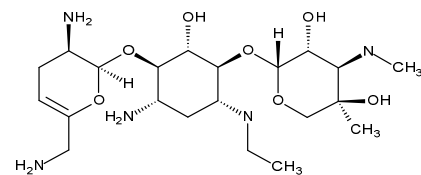
34493-98-6

Dibekacin



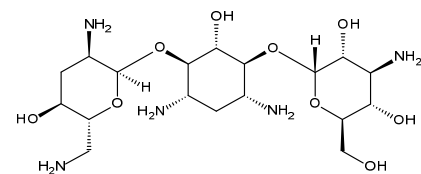
56391-56-1

Netilmicin



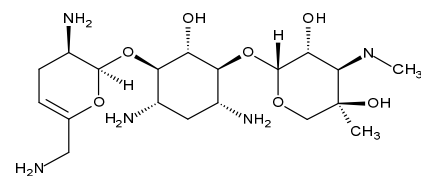
32986-56-4

Tobramycin



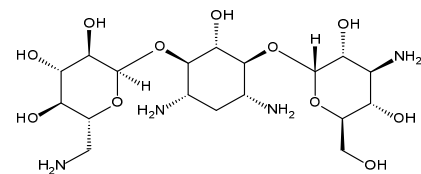
32385-11-8

Sisomicin



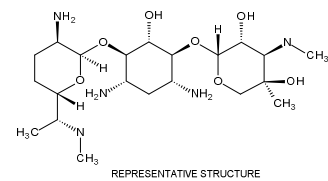
59-01-8

Kanamycin



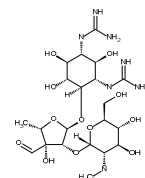
1403-66-3

Gentamicin



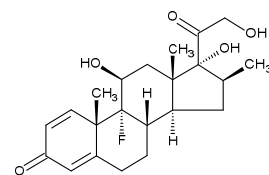
57-92-1

Streptomycin



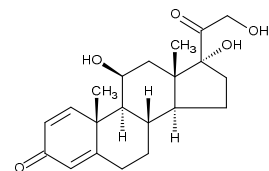
378-44-9

Betamethasone



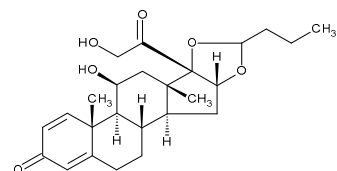
50-24-8

Prednisolone



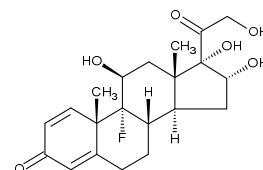
51333-22-3

Budesonide



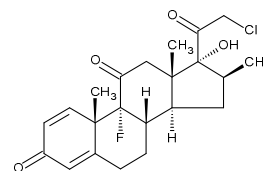
124-94-7

Triamcinolone



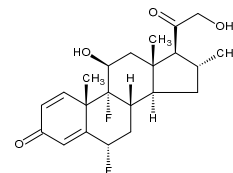
54063-32-0

Clobetasone



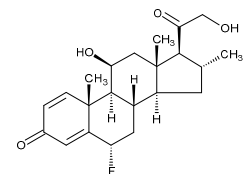
2607-06-9

Diflucortolone



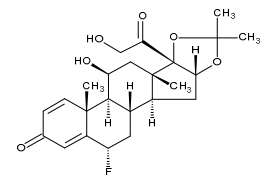
152-97-6

Fluocortolone



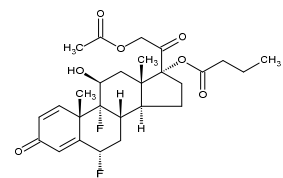
3385-03-3

Flunisolide



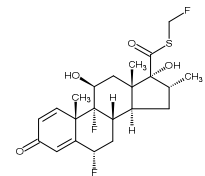
23674-86-4

Difluprednate



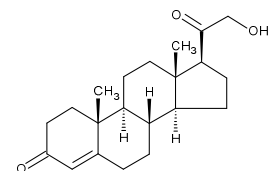
90566-53-3

Fluticasone



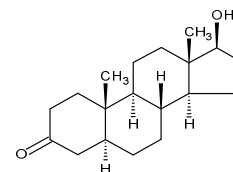
64-85-7

Desoxycorticosterone



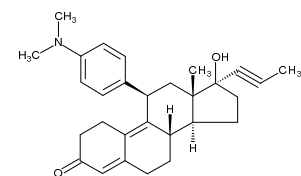
521-18-6

Dihydrotestosterone



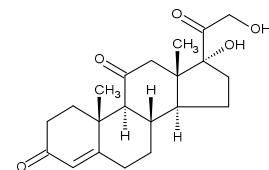
84371-65-3

Mifepristone



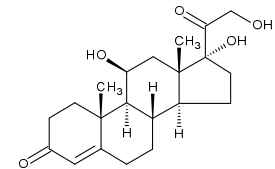
53-06-5

Cortisone



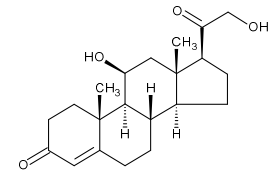
50-23-7

Hydrocortisone



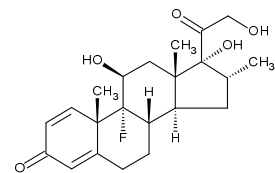
50-22-6

Corticosterone



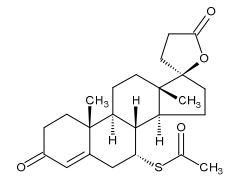
50-02-2

Dexamethasone



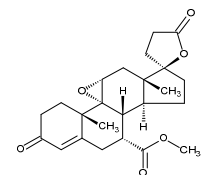
52-01-7

Spirolactone



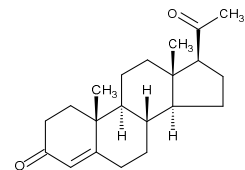
107724-20-9

Eplerenone



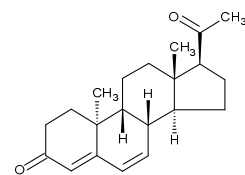
57-83-0

Progesterone



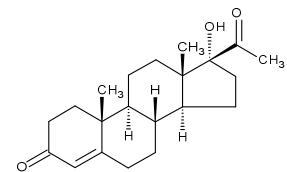
152-62-5

Dydrogesterone



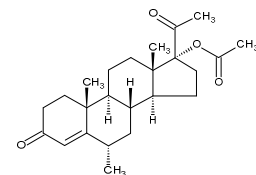
68-96-2

17-Hydroxyprogesterone



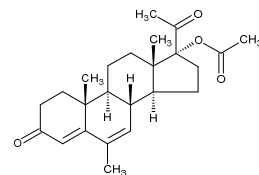
71-58-9

Medroxyprogesterone acetate



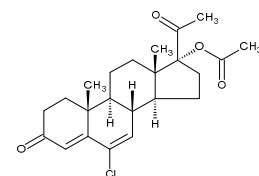
595-33-5

Megestrol acetate



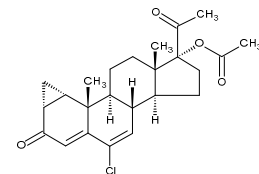
302-22-7

Chlormadinone acetate



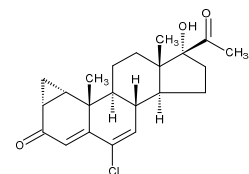
427-51-0

Cyproterone acetate



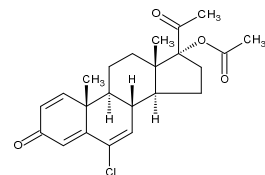
2098-66-0

Cyproterone



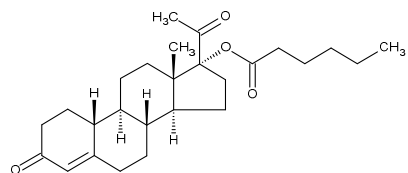
13698-49-2

Delmadinone acetate



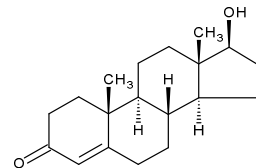
1253-28-7

Gestonorone caproate



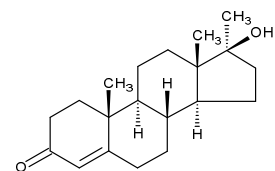
58-22-0

Testosterone



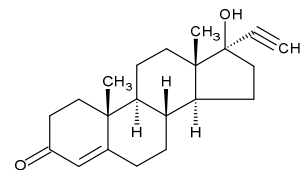
58-18-4

17-Methyltestosterone



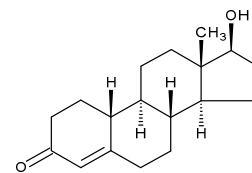
434-03-7

Ethisterone



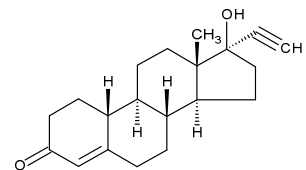
434-22-0

Nandrolone (19-nortestosterone)



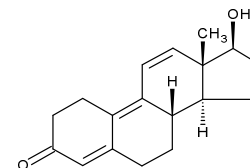
68-22-4

Norethisterone



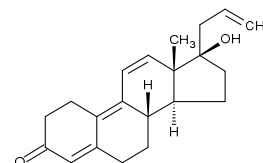
10161-33-8

Trenbolone



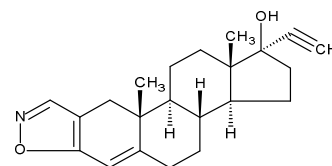
850-52-2

Altrenogest



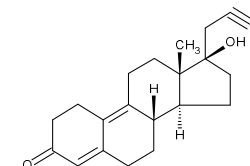
17230-88-5

Danazol



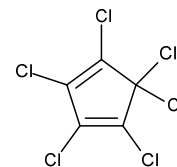
65928-58-7

Dienogest



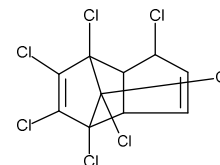
77-47-4

Hexachlorocyclopentadiene



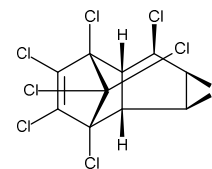
76-44-8

Heptachlor



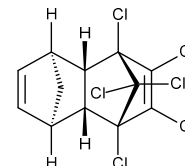
1024-57-3

Heptachlor epoxide



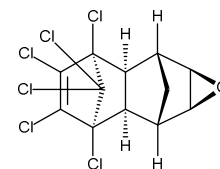
309-00-2

Aldrin



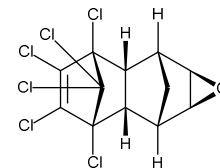
60-57-1

Dieldrin



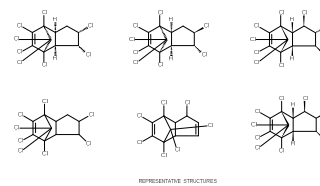
72-20-8

Endrin



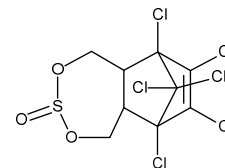
12789-03-6

Chlordane



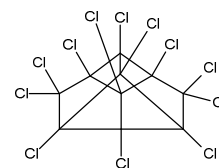
115-29-7

Endosulfan



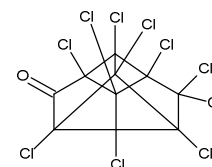
2385-85-5

Mirex



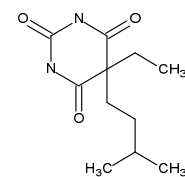
143-50-0

Chlordecone



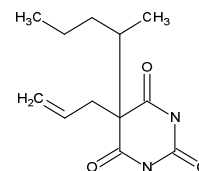
57-43-2

Amobarbital



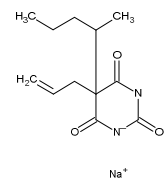
76-73-3

Secobarbital



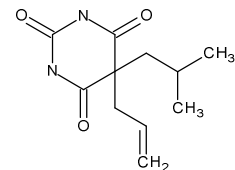
309-43-3

Secobarbital sodium



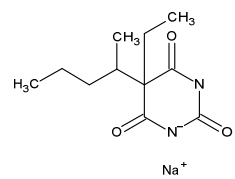
77-26-9

Butalbital



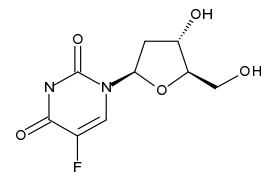
57-33-0

Pentobarbital sodium



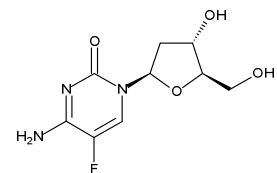
50-91-9

Floxuridine



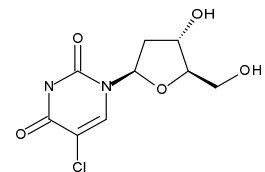
10356-76-0

5-Fluoro-2'-deoxycytidine



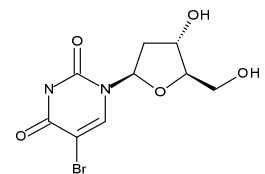
50-90-8

5-Chloro-2'-deoxyuridine



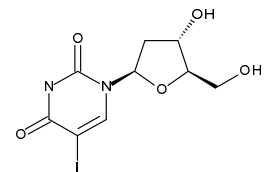
59-14-3

Bromodeoxyuridine



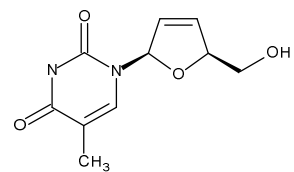
54-42-2

Idoxuridine



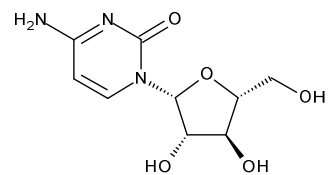
3056-17-5

Stavudine



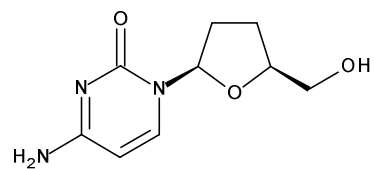
147-94-4

Cytarabine



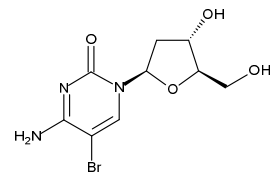
7481-89-2

Zalcitabine



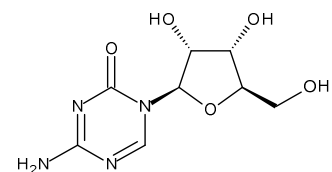
1022-79-3

Bromodeoxycytidine



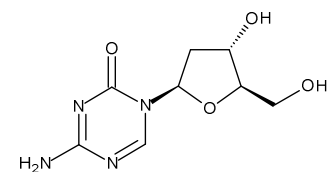
320-67-2

Azacitidine



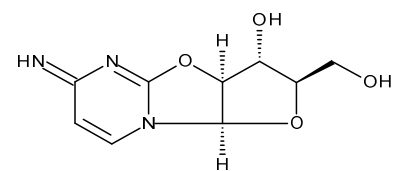
2353-33-5

Decitabine



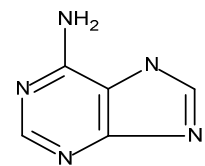
31698-14-3

Ancitabine



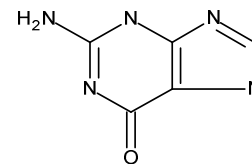
73-24-5

Adenine



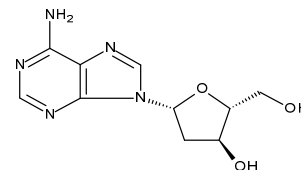
73-40-5

Guanine



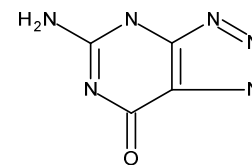
958-09-8

Deoxyadenosine



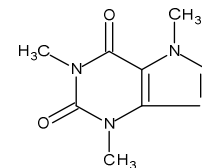
134-58-7

Azaguanine



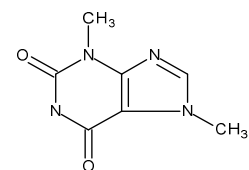
58-08-2

Caffeine



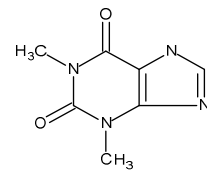
83-67-0

Theobromine



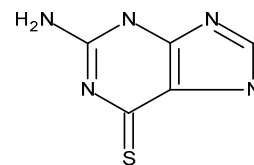
58-55-9

Theophylline



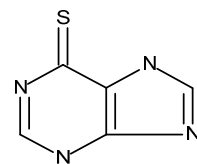
154-42-7

Thioguanine



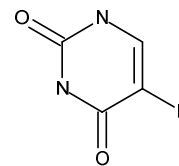
50-44-2

Mercaptopurine



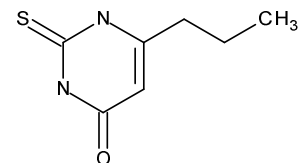
51-21-8

Fluorouracil



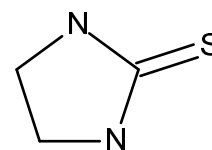
51-52-5

Propylthiouracil



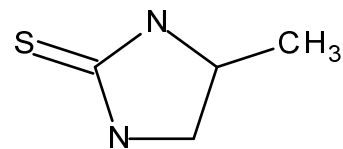
96-45-7

Ethylenethiourea



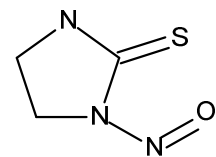
2122-19-2

Propylenethiourea



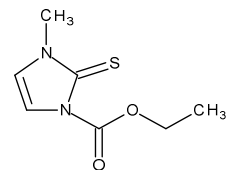
3715-92-2

N-nitrosoethylenethiourea



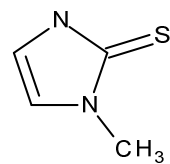
22232-54-8

Carbimazole



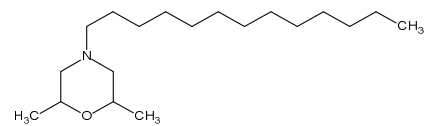
60-56-0

Methimazole



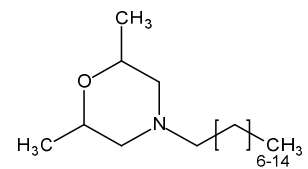
24602-86-6

Tridemorph



91315-15-0

Aldimorph



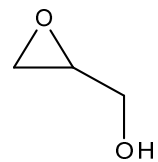
75-21-8

Ethylene oxide



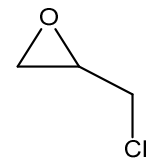
556-52-5

Glycidol



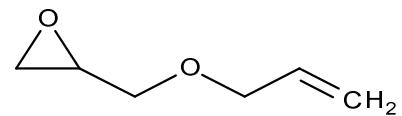
106-89-8

Epichlorohydrin



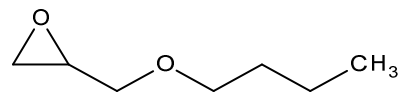
106-92-3

Allyl glycidyl ether



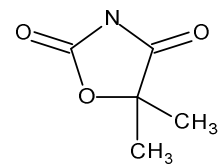
2426-08-6

N-Butyl glycidyl ether



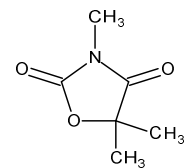
695-53-4

Dimethadione



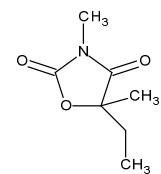
127-48-0

Trimethadione



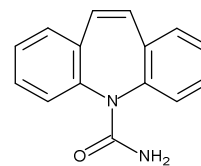
115-67-3

Paramethadione



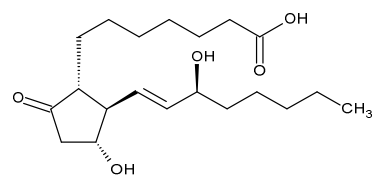
298-46-4

Carbamazepine



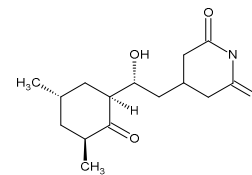
745-65-3

Alprostadiol



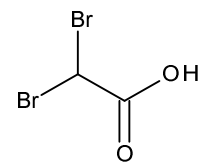
66-81-9

Cycloheximide



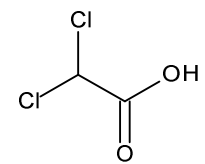
631-64-1

Dibromoacetic acid



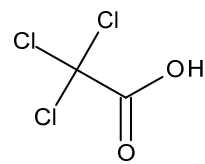
79-43-6

Dichloroacetic acid



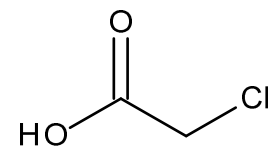
76-03-9

Trichloroacetic acid



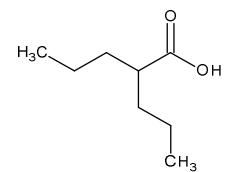
79-11-8

Chloroacetic acid



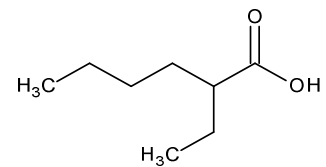
99-66-1

Valproic acid



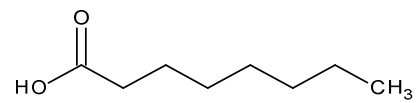
149-57-5

2-Ethylhexanoic acid



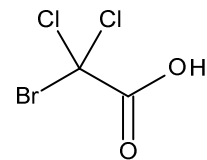
124-07-2

Octanoic acid



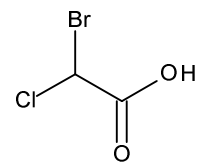
71133-14-7

Bromodichloroacetic acid



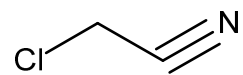
5589-96-8

Bromochloroacetic acid



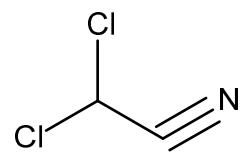
107-14-2

Chloroacetonitrile



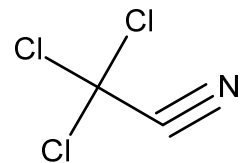
3018-12-0

Dichloroacetonitrile



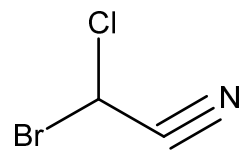
545-06-2

Trichloroacetonitrile



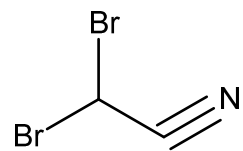
83463-62-1

Bromochloroacetonitrile



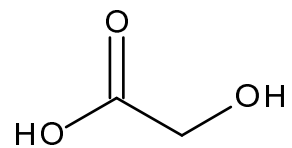
3252-43-5

Dibromoacetonitrile



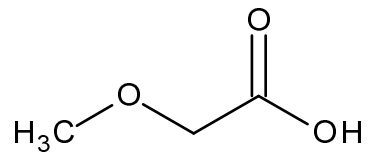
79-14-1

Glycolic acid



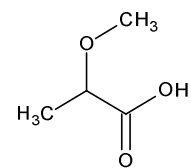
625-45-6

Methoxyacetic acid



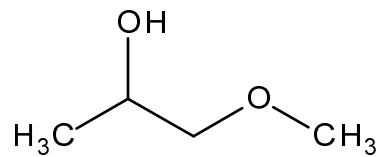
4324-37-2

2-Methoxypropanoic acid



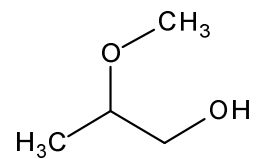
107-98-2

Propylene glycol monomethyl ether



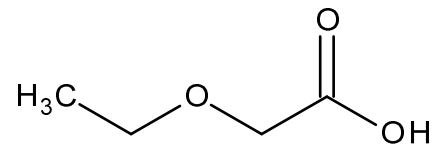
1589-47-5

2-Methoxy-1-propanol



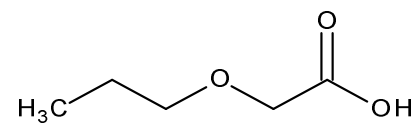
627-03-2

Ethoxyacetic acid



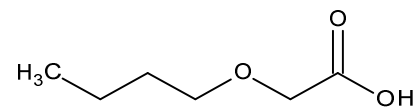
54497-00-6

n-Propoxyacetic acid



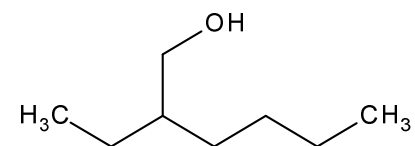
2516-93-0

n-Butoxyacetic acid



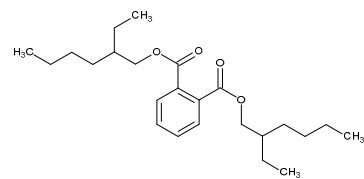
104-76-7

2-Ethyl-1-hexanol



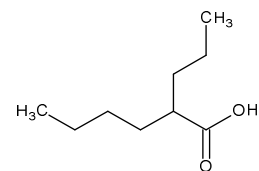
117-81-7

di(2-Ethylhexyl) phthalate



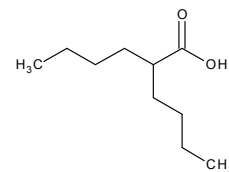
3274-28-0

2-Propylhexanoic acid



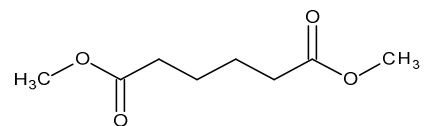
3115-28-4

2-Butylhexanoic acid



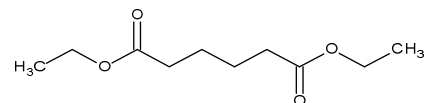
627-93-0

Dimethyl adipate



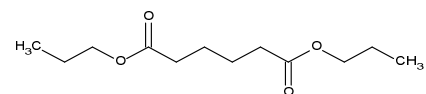
141-28-6

Diethyl adipate



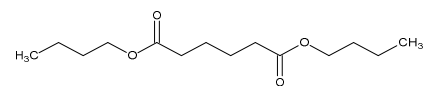
106-19-4

Dipropyl adipate



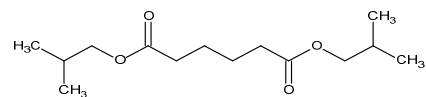
105-99-7

Dibutyl adipate



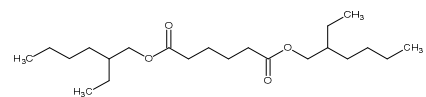
141-04-8

Diisobutyl adipate



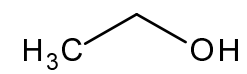
103-23-1

Diethyl adipate



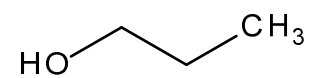
64-17-5

Ethanol



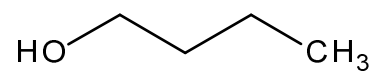
71-23-8

n-Propanol



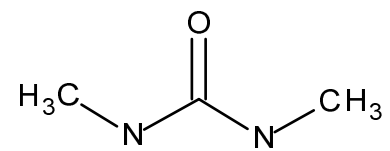
71-36-3

Butyl alcohol



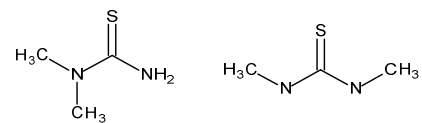
96-31-1

1,3-Dimethylurea



61805-96-7

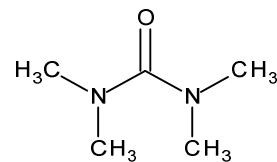
1,3-Dimethylthiourea



REPRESENTATIVE STRUCTURES

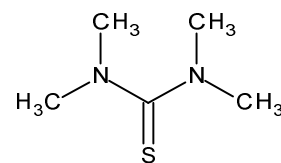
632-22-4

1,1,3,3-Tetramethylurea



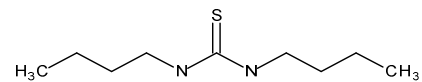
2782-91-4

1,1,3,3-Tetramethylthiourea



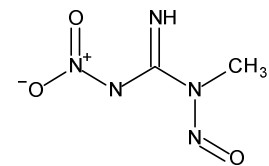
109-46-6

1,3-Dibutyl-2-thiourea



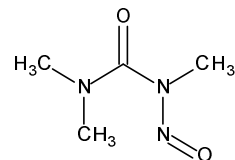
70-25-7

N-Methyl-N'-nitro-N-nitrosoguanidine



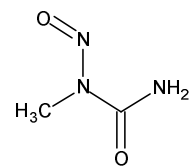
3475-63-6

Trimethylnitrosourea



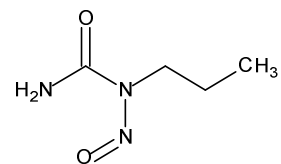
684-93-5

N-Nitroso-N-methylurea



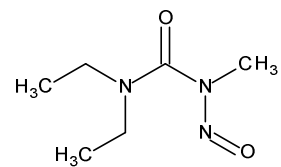
816-57-9

Propylnitrosourea



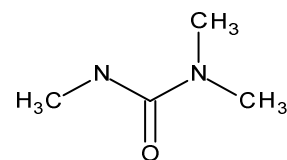
50285-72-8

Diethylmethylnitrosourea



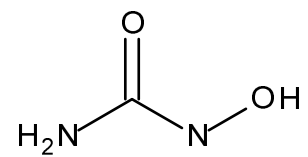
632-14-4

N,N',N'-Trimethylurea



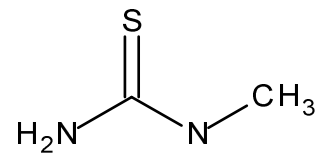
127-07-1

Hydroxyurea



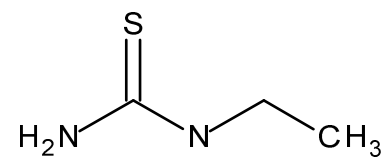
598-52-7

1-Methylthiourea



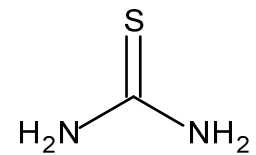
625-53-6

1-Ethylthiourea



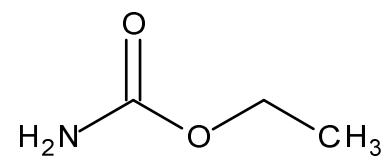
62-56-6

Thiourea



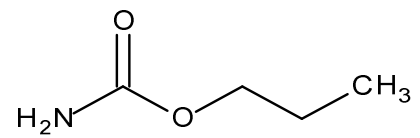
51-79-6

Ethyl carbamate



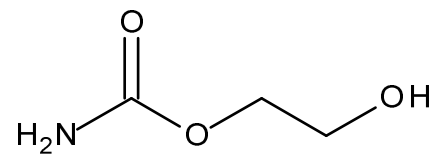
627-12-3

Propyl carbamate



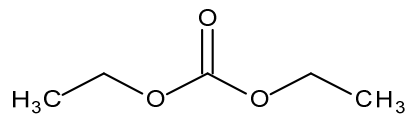
5395-01-7

β -Hydroxyethyl carbamate



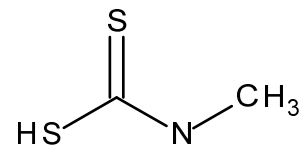
105-58-8

Diethyl carbonate



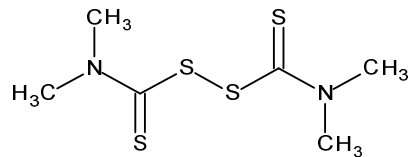
144-54-7

Methyldithiocarbamate



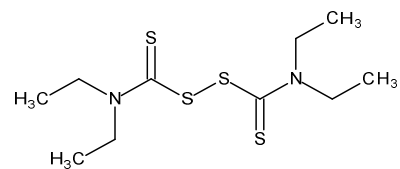
137-26-8

Thiram



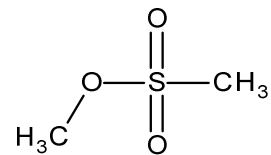
97-77-8

Disulfiram



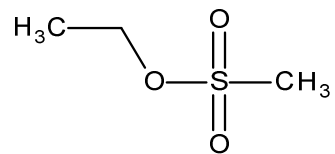
66-27-3

Methyl methanesulfonate



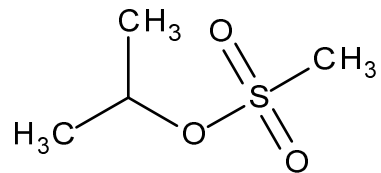
62-50-0

Ethyl methanesulfonate



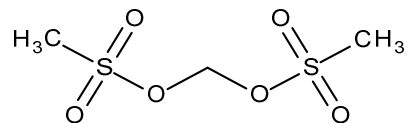
926-06-7

Isopropyl methanesulfonate



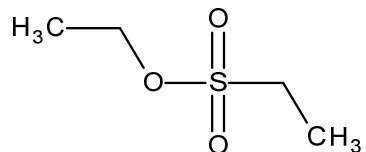
156-72-9

Methyl ethanesulfonate



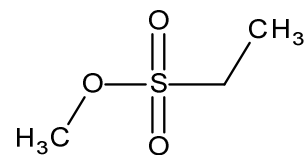
1912-30-7

Ethyl ethanesulfonate



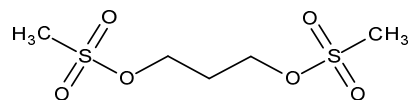
1912-28-3

Methylene dimethanesulfonate



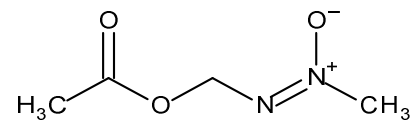
15886-84-7

Propylene dimethanesulfonate



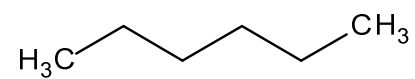
592-62-1

Methylazoxymethanol acetate



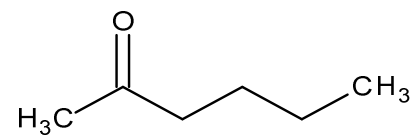
110-54-3

n-Hexane



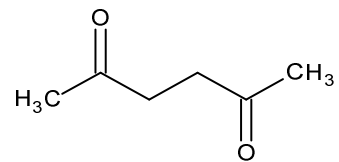
591-78-6

2-Hexanone



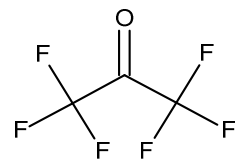
110-13-4

2,5-Hexanedione



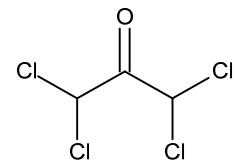
684-16-2

Hexafluoroacetone



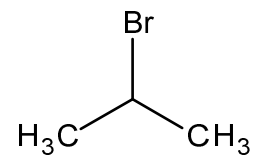
632-21-3

1,1,3,3-Tetrachloroacetone



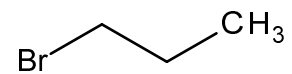
75-26-3

Isopropyl bromide



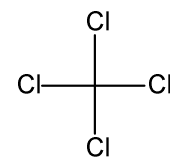
106-94-5

1-Bromopropane



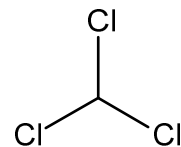
56-23-5

Carbon tetrachloride



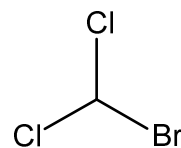
67-66-3

Chloroform



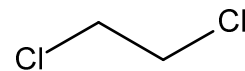
75-27-4

Bromodichloromethane



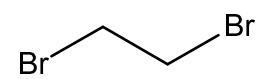
107-06-2

1,2-Dichloroethane



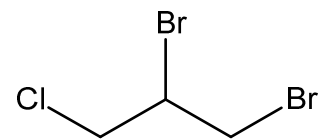
106-93-4

1,2-Dibromoethane



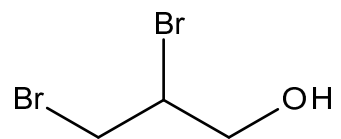
96-12-8

1,2-Dibromo-3-chloropropane



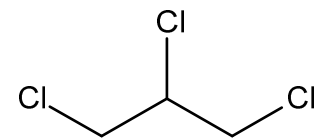
96-13-9

2,3-Dibromopropanol



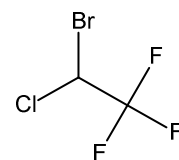
96-18-4

1,2,3-Trichloropropane



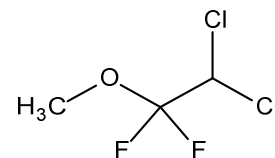
151-67-7

Halothane



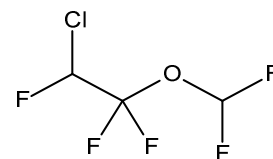
76-38-0

Methoxyflurane



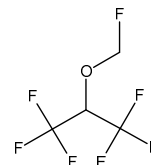
13838-16-9

Enflurane



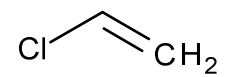
28523-86-6

Sevoflurane



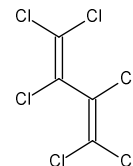
75-01-4

Vinyl chloride



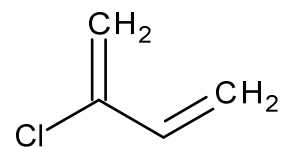
87-68-3

Hexachloro-1,3-butadiene



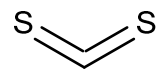
126-99-8

2-Chloro-1,3-butadiene



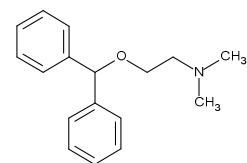
75-15-0

Carbon disulfide



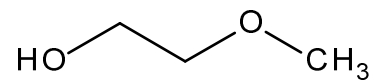
58-73-1

Diphenhydramine HCl



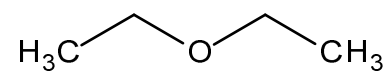
109-86-4

Ethylene glycol monomethyl ether



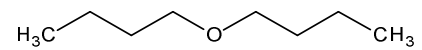
60-29-7

Ether



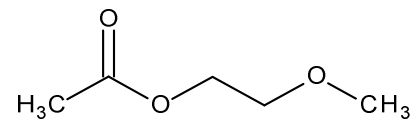
142-96-1

DiButyl ether



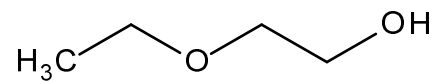
110-49-6

Ethylene glycol monomethyl ether acetate



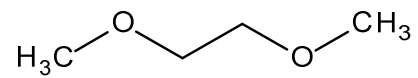
110-80-5

Ethylene glycol monoethyl ether



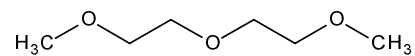
110-71-4

1,2-Dimethoxyethane



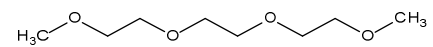
111-96-6

Diethylene glycol dimethyl ether



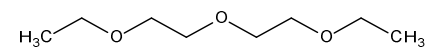
112-49-2

Triethylene glycol dimethyl ether



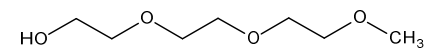
112-36-7

Diethylene glycol diethyl ether



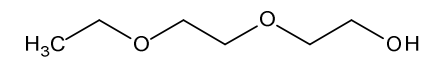
112-35-6

Triethylene glycol monomethyl ether



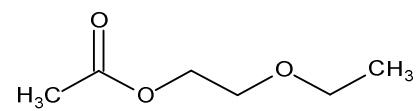
111-90-0

Diethylene glycol monoethyl ether



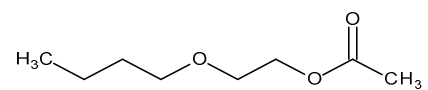
111-15-9

Ethylene glycol monoethyl ether acetate



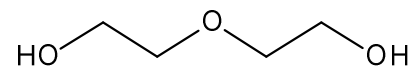
112-07-2

Ethylene glycol monobutyl ether acetate



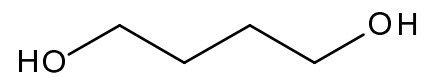
111-46-6

Diethylene glycol



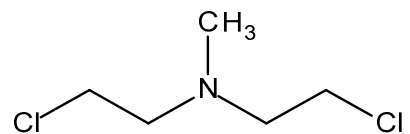
110-63-4

1,4-Butanediol



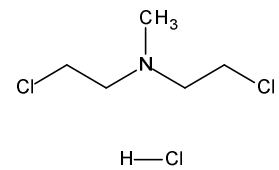
51-75-2

Mechlorothamine (Nitrogen mustard)



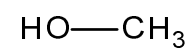
55-86-7

Mechlorethamine HCl



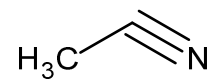
67-56-1

Methanol



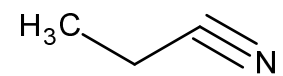
75-05-8

Acetonitrile



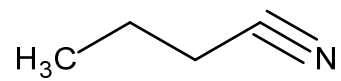
107-12-0

Propionitrile



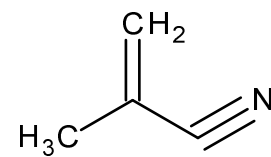
109-74-0

n-Butyronitrile



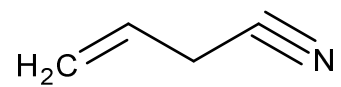
126-98-7

Methacrylonitrile



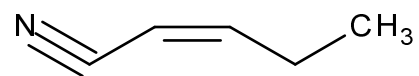
109-75-1

Allylnitrile



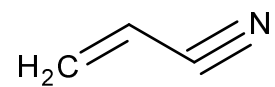
25899-50-7

cis-2-Pentenenitrile



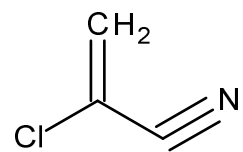
107-13-1

Acrylonitrile



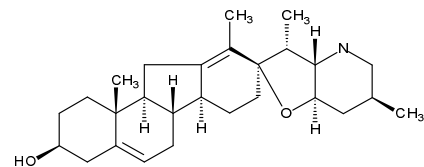
920-37-6

2-Chloroacrylonitrile



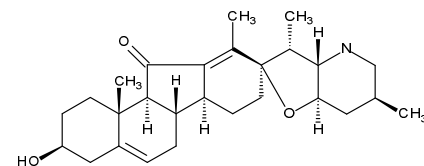
4449-51-8

Cyclopamine



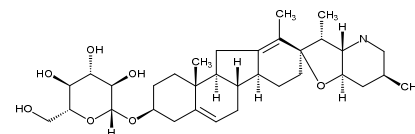
469-59-0

Jervine



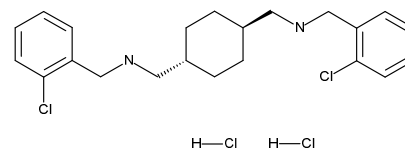
23185-94-6

Cycloposine



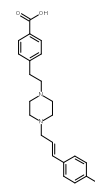
366-93-8

AY-9944



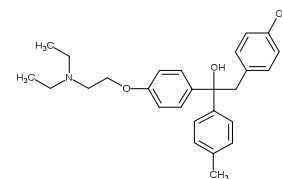
86621-92-3

BM 15766



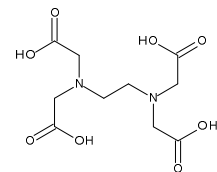
78-41-1

Triparanol



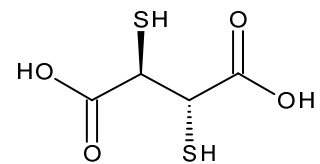
60-00-4

EDTA



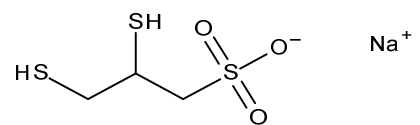
304-55-2

DMSA



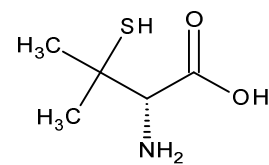
4076-02-2

DMPS



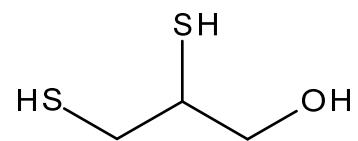
52-67-5

DPA



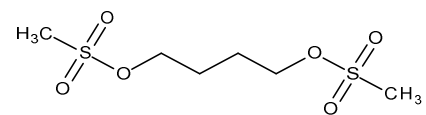
59-52-9

BAL



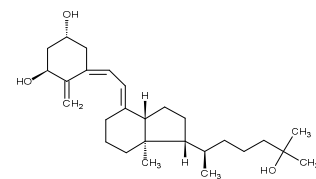
55-98-1

Busulfan



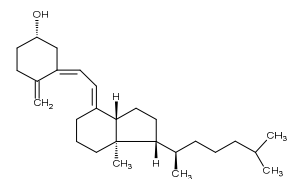
32222-06-3

Calcitriol



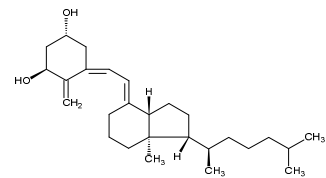
67-97-0

Cholecalciferol



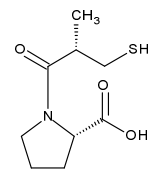
41294-56-8

Alfacalcidol



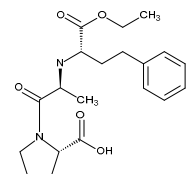
62571-86-2

Captopril



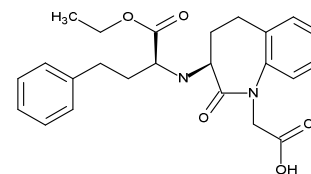
75847-73-3

Enalapril



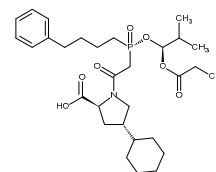
86541-75-5

Benazepril



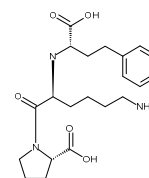
98048-97-6

Fosinopril



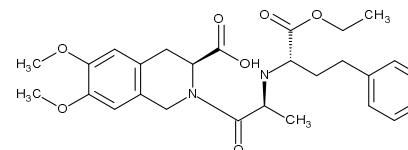
76547-98-3

Lisinopril



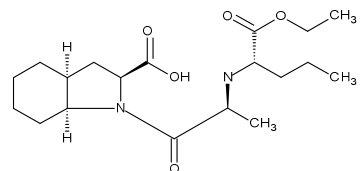
103775-10-6

Moexipril



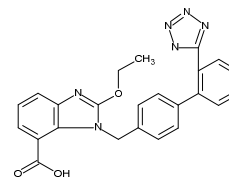
82834-16-0

Perindopril



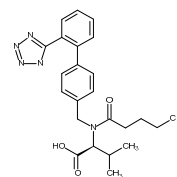
139481-59-7

Candesartan



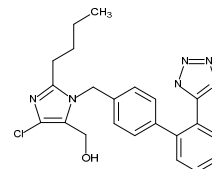
137862-53-4

Valsartan



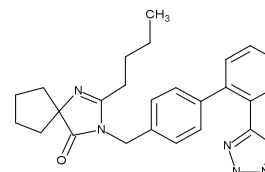
114798-26-4

Losartan



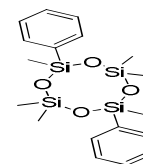
138402-11-6

Irbesartan



308064-18-8

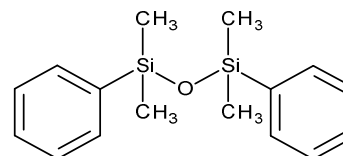
Di-Me, Me Ph cyclosiloxanes (PMxMMy)



REPRESENTATIVE STRUCTURE

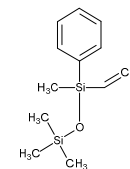
56-33-7

sym-Diphenyltetramethyldisiloxane



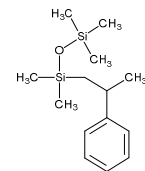
27991-60-2

Disiloxane, 1,1,1,3-tetramethyl-3-phenyl-3-vinyl-



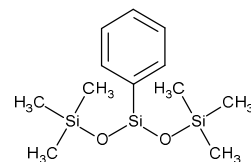
35964-68-2

Disiloxane, pentamethyl(2-phenylpropyl)-



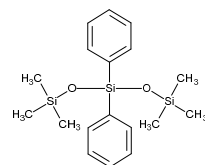
27991-58-8

Phenylbis(trimethylsiloxy)silane



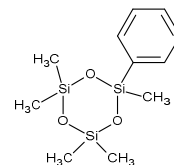
797-77-3

Diphenylbis(trimethylsiloxy)silane



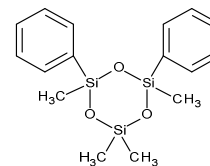
17962-31-1

Phenylpentamethylcyclotrisiloxane



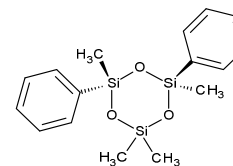
17995-19-6

2,4-Diphenyl-2,4,6,6-tetramethylcyclotrisiloxane



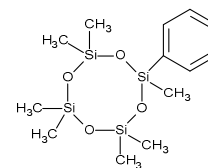
31751-59-4

trans-2,2,4,6-Tetramethyl-4,6-diphenylcyclotrisiloxane



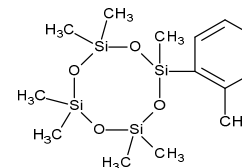
10448-09-6

Phenylheptamethylcyclotetrasiloxane



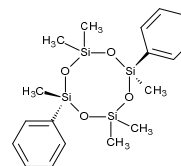
35964-76-2

Cyclotetrasiloxane, heptamethyl(2-methylphenyl)-



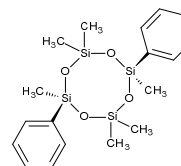
33204-77-2

trans-2,6-Diphenylhexamethylcyclotetrasiloxane



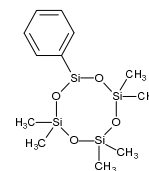
33204-76-1

cis-2,6-Diphenylhexamethylcyclotetrasiloxane



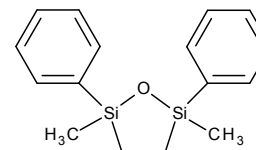
17156-72-8

Cyclotetrasiloxane, 2,2,4,4,6,6-hexamethyl-8-phenyl-



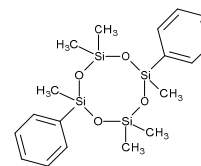
17964-44-2

1-Oxa-2,5-disilacyclopentane, 2,5-dimethyl-2,5-diphenyl-



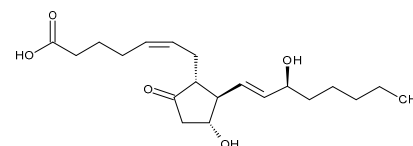
4657-20-9

2,2,4,6,6,8-Hexamethyl-4,8-diphenylcyclotetrasiloxane



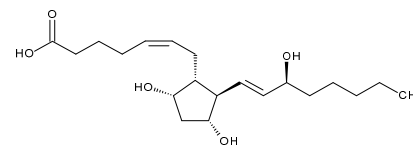
363-24-6

Prostaglandin E2



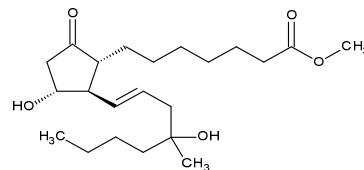
551-11-1

Prostaglandin F2



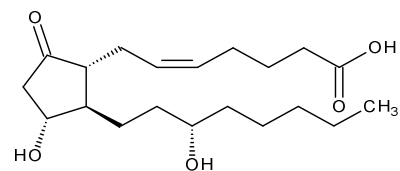
59122-46-2

Misoprostol



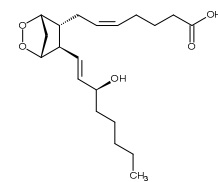
363-22-4

13,14-dihydro-PGE₂



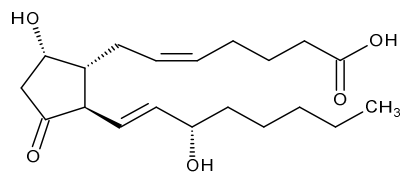
42935-17-1

PGH₂



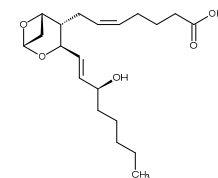
41598-07-6

PGD₂



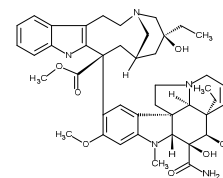
57576-52-0

Thromboxane A₂



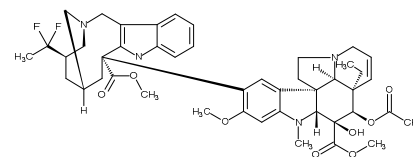
53643-48-4

Vindesine



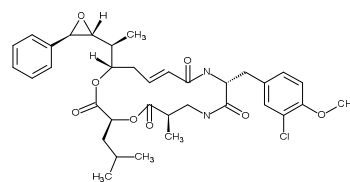
162652-95-1

Vinflunine



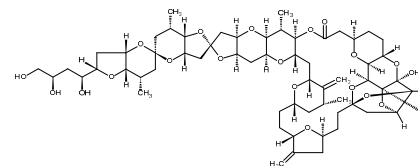
124689-65-2

Cryptophycin



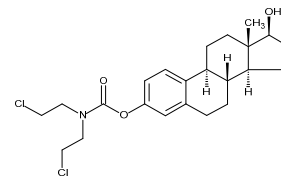
147427-91-6

Halichondrin



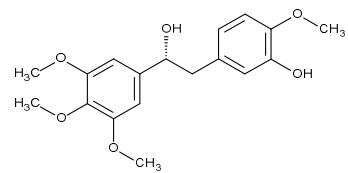
2998-57-4

Estramustine



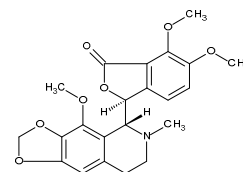
82855-09-2

Combretastatin



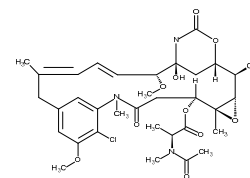
128-62-1

Noscapine



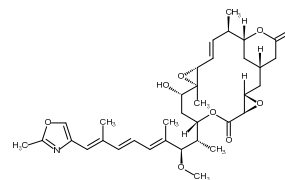
35846-53-8

Maytansine



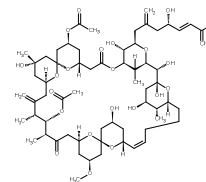
90996-54-6

Rhizoxin



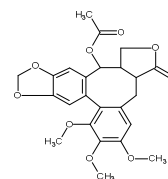
149715-96-8

Spongistatin



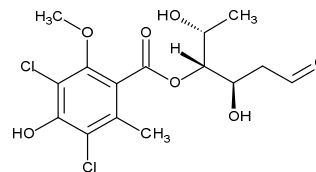
41451-68-7

Steganacin



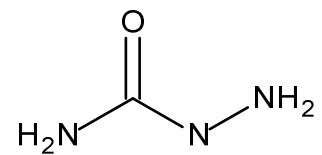
20585-97-1

Curacin



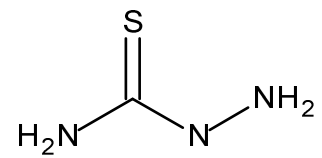
57-56-7

Semicarbazide



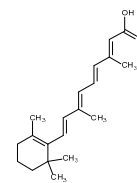
79-19-6

Thiosemicarbazide



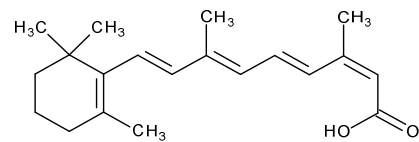
302-79-4

trans-Retinoic acid



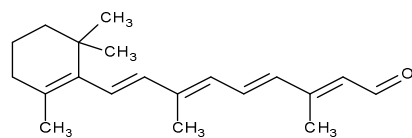
4759-48-2

Isotretinoin



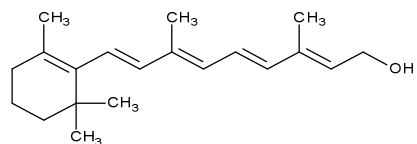
116-31-4

Retinal



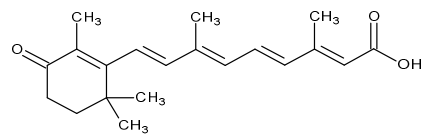
68-26-8

Retinol



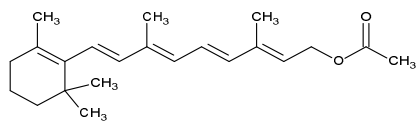
38030-57-8

4-Oxoretinoin



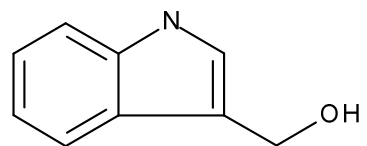
127-47-9

trans-Retinol acetate



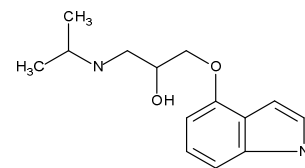
700-06-1

Indole-3-methanol



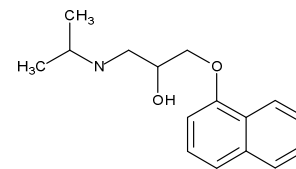
13523-86-9

Pindolol



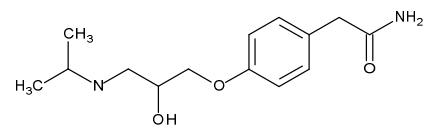
525-66-6

Propanolol



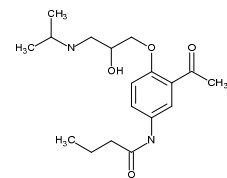
29122-68-7

Atenolol



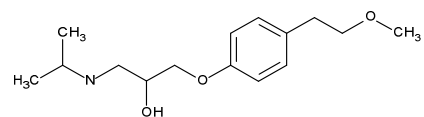
37517-30-9

Acebutolol HCl



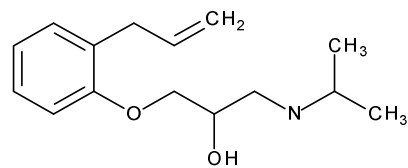
51384-51-1

Metoprolol



13655-52-2

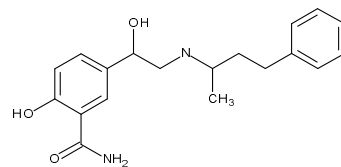
2-Propanol, 1-(o-allylphenoxy)-3-(isopropylamino)-



Benzamide, 2-hydroxy-5-(1-hydroxy-2-((1-methyl-3-

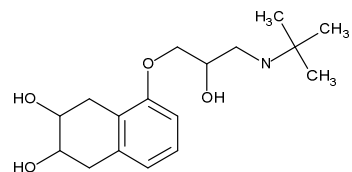
36894-69-6

phenylpropyl)amino)ethyl)-



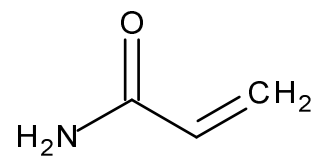
42200-33-9

Nadolol



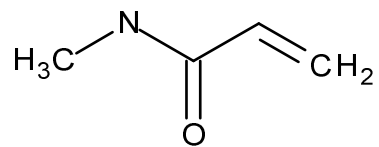
79-06-1

Acrylamide



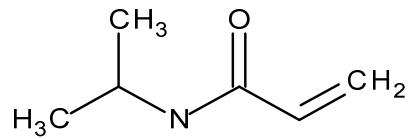
1187-59-3

N-Methylacrylamide



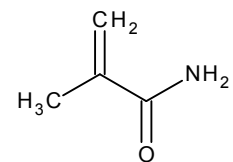
2210-25-5

N-Isopropylacrylamide



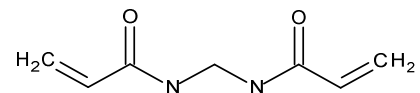
79-39-0

Methacrylamide



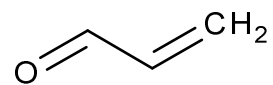
110-26-9

Methylenediacrylamide



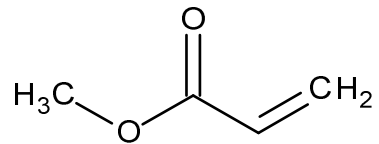
107-02-8

Acrolein



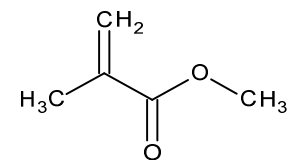
96-33-3

Methyl acrylate



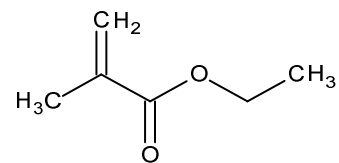
80-62-6

Methyl methacrylate



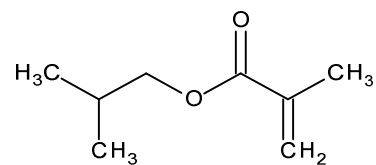
97-63-2

Ethyl methacrylate



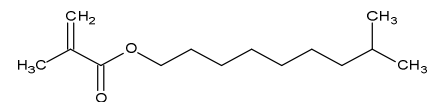
97-86-9

Isobutyl methacrylate



29964-84-9

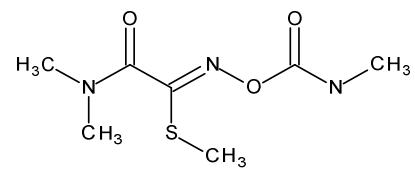
Isodecyl methacrylate



REPRESENTATIVE STRUCTURE

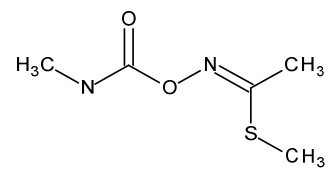
23135-22-0

Oxamyl



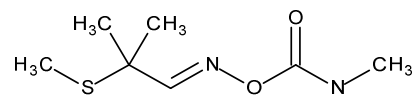
16752-77-5

Methomyl



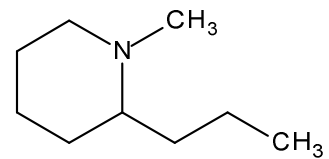
116-06-3

Aldicarb



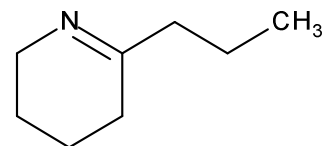
125133-94-0

Piperidine, 1-methyl-2-propyl-



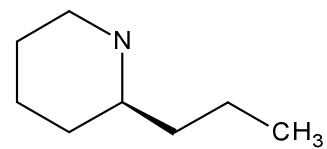
1604-01-9

Pyridine, 2,3,4,5-tetrahydro-6-propyl-



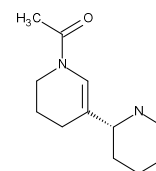
458-88-8

Piperidine, 2-propyl-, (2S)-



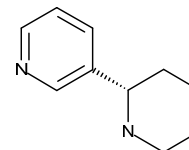
494-15-5

Ammodendrine



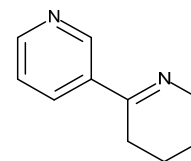
494-52-0

Anabasine



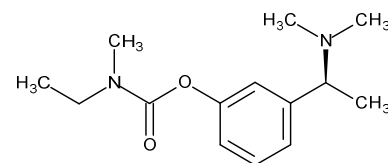
3471-05-4

Anabaseine



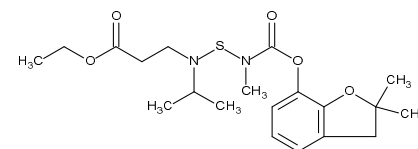
123441-03-2

Rivastigmine



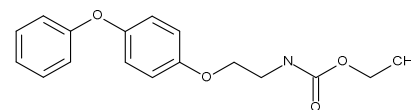
82560-54-1

Benfuracarb



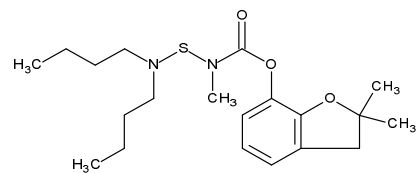
72490-01-8

Fenoxycarb



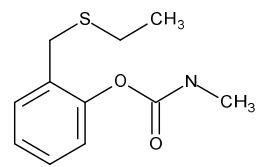
55285-14-8

Carbosulfan



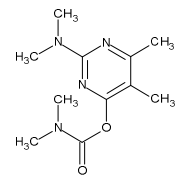
29973-13-5

Ethiofencarb



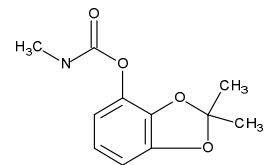
23103-98-2

Pirimicarb



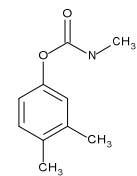
22781-23-3

Bendiocarb



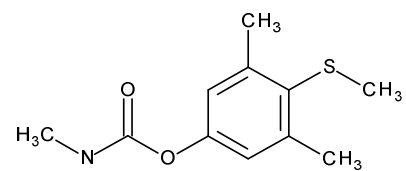
2425-10-7

Xylylcarb



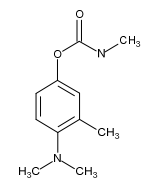
2032-65-7

Methiocarb



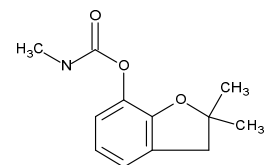
2032-59-9

Aminocarb



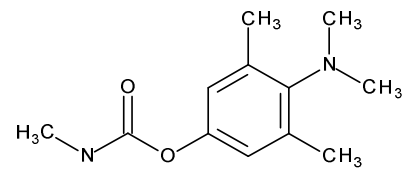
1563-66-2

Carbofuran



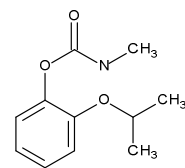
315-18-4

Mexacarbate



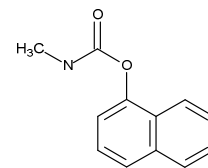
114-26-1

Propoxur



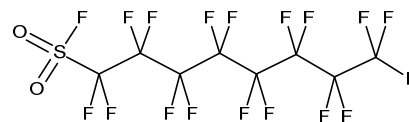
63-25-2

Carbaryl



307-35-7

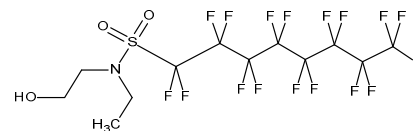
Perfluorooctylsulfonyl fluoride



1-Octanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-

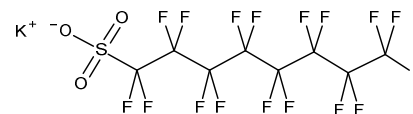
1691-99-2

heptadecafluoro-N-(2-hydroxyethyl)-



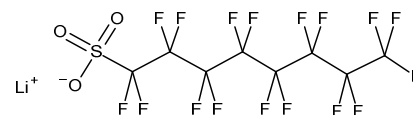
2795-39-3

Potassium perfluorooctanesulfonate



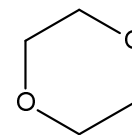
29457-72-5

Lithium perfluorooctane sulfonate



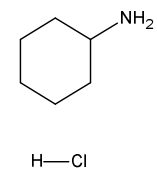
123-91-1

1,4 Dioxane



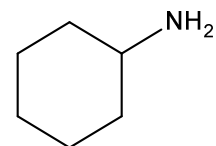
4998-76-9

Cyclohexylamine, hydrochloride



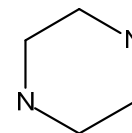
108-91-8

Cyclohexylamine



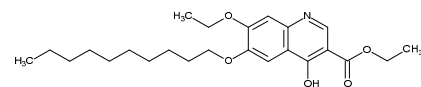
110-85-0

Piperazine



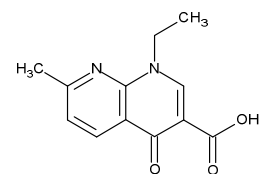
18507-89-6

Decocquinat



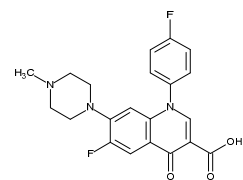
389-08-2

Nalidixic acid



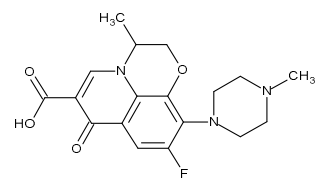
98106-17-3

Difloxacin



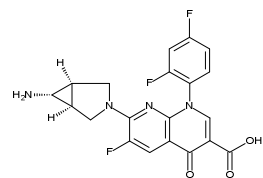
82419-36-1

Ofloxacin



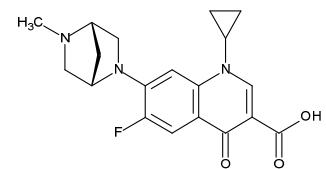
147059-72-1

Trovafloxacin



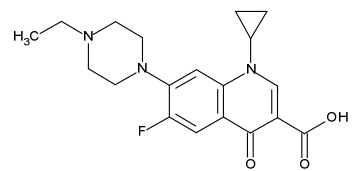
112398-08-0

Danofloxacin



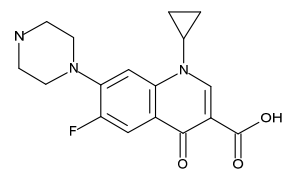
93106-60-6

Enrofloxacin



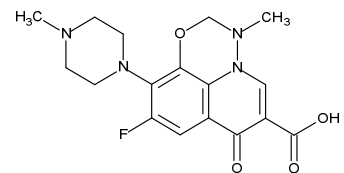
85721-33-1

Ciprofloxacin



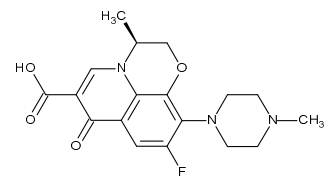
115550-35-1

Marbofloxacin



100986-85-4

Levofloxacin



42835-25-6

Flumequine

