

Summary Table by Chemical of Carcinogenicity Results in CPDB on 1547 Chemicals

- A. Rats and Mice
- B. Hamsters
- C. Monkeys
- D. Dogs, Tree Shrews, Bush Babies

Positivity: For each positive (carcinogenic) chemical in the CPDB, results are included on carcinogenic potency (by species) and target site (by sex-species). A target site is listed for a chemical in a sex-species group if the published author's opinion about any experiment indicated that tumors were induced by the compound at that site. NCI/NTP target sites are included if the evaluation in the Technical Report was "carcinogenic" or "clear" or "some" evidence of carcinogenic activity; NCI evaluations of "associated" or NTP evaluations of "equivocal" are not considered positive. We use the author's opinion to classify positivity because it often takes into account more information than statistical significance alone, such as historical control rates for particular strains and sites, survival and latency, or dose response. Generally, this designation by author's opinion corresponds well with the results of statistical tests for the significance of the dose-response effect (two-tailed $p < 0.01$). The table presents the strongest evidence of carcinogenicity for each chemical in each sex-species group; thus, if there are both positive and negative experiments in a sex-species, the negative results are ignored in this table. Additionally, if there is more than one positive experiment in a sex-species group, then the target sites listed may be from more than one experiment, e.g. if liver and lung are both listed, then liver may have been a target in one experiment and lung in another.

If all experimental results in the CPDB are negative in a sex-species group, "-" appears. If the CPDB has no experiments in the sex-species group, "." appears. An "I" indicates that the only experiment in the group in the CPDB was an NCI or NTP test, and that NCI or NTP evaluated the experiment as inadequate. A "B" indicates that results from the general literature were only reported for males and females combined.

Harmonic mean of TD₅₀: If more than one experiment is positive in the CPDB, the reported TD₅₀ is the harmonic mean of the most potent TD₅₀ value from each positive experiment in the species and the superscript "m" follows the TD₅₀ value in the table to indicate multiple positive tests. See <http://potency.berkeley.edu/td50harmonicmean.html> for more details. If there is no "m" superscript, there is only one positive experiment in the group and the most potent TD₅₀ is reported.

Mutagenicity: A chemical is classified as mutagenic ("+") in the *Salmonella* assay if it was evaluated as either "mutagenic" or "weakly mutagenic" by Zeiger (Gold and Zeiger, eds., *Handbook of Carcinogenic Potency and Genotoxicity Databases*, CRC Press, 1997, pp. 687-729; Zeiger, pers. comm.) or as "positive" by the Gene-Tox Program (Kier et al., *Mutat. Res.* 168: 69-240, 1986; Auletta, pers. comm.). Other chemicals evaluated for mutagenicity by these two sources are reported as "-". The symbol "." indicates no evaluation in *Salmonella*. Of the 1547 chemicals in the CPDB, 860 have evaluations of mutagenicity in *Salmonella* from these sources.

Tissue codes: **adr** = adrenal gland; **bon** = bone; **cli** = clitoral gland; **eso** = esophagus; **ezy** = ear/Zymbal's gland; **gal** = gall bladder; **hag** = harderian gland; **hmo** = hematopoietic system; **kid** = kidney; **lgi** = large intestine; **liv** = liver; **lun** = lung; **meo** = mesovarium; **mgl** = mammary gland; **mix** = lung and nasal cavity combined; **myc** = myocardium; **nas** = nasal cavity (includes tissues of the nose, nasal

turbinates, paranasal sinuses and trachea); **nrv** = nervous system; **orc** = oral cavity (includes tissues of the mouth, oropharynx, pharynx, and larynx); **ova** = ovary; **pan** = pancreas; **per** = peritoneal cavity; **pit** = pituitary gland; **pre** = preputial gland; **pro** = prostate; **ski** = skin; **smi** = small intestine; **spl** = spleen; **sto** = stomach; **sub** = subcutaneous tissue; **tba** = all tumor bearing animals; **tes** = testes; **thy** = thyroid gland; **ubl** = urinary bladder; **ute** = uterus; **vag** = vagina; **vsc** = vascular system.

Superscripts give additional information about test results in the CPDB.

i	=	Intraperitoneal or intravenous injection are the only routes of administration with positive tests in the CPDB.
m	=	More than one positive test in the species in the CPDB, and TD ₅₀ values from each test are used in the calculation of the harmonic mean. If there is no “m” superscript, there is only one positive experiment in the group and the most potent TD ₅₀ is reported.
n	=	No results evaluated as positive for this species in the CPDB are statistically significant ($p < 0.1$).
s	=	Species other than rats or mice are reported for this chemical in Tables B, C or D for hamsters, dogs or nonhuman primates
u	=	In these few cases the NTP-assigned level of evidence of carcinogenicity is “positive,” noting that “these experiments were particularly difficult to evaluate based on the wording in the Technical Report Summaries”.
v	=	Variation is greater than ten-fold among statistically significant (two-tailed $p < 0.1$) TD ₅₀ values from different positive experiments.
A	=	For aristolochic acid, kidney and urinary bladder were additional target sites in experiments that were too short to meet the inclusion rules of the CPDB.
H	=	A mix of carcinomas of the ear duct, Zymbal’s gland, oral cavity and nasal cavity were combined by Maltoni <i>et al.</i> for the category “Head cancers”, which are evaluated as a target site.
L	=	Female mouse strain was mammary tumor virus positive (MTV+) with a high spontaneous incidence of mammary tumors; histopathology was restricted to mammary gland. These studies were designed to measure tumor latency, and no author’s opinion about carcinogenicity is given in the CPDB.
P	=	The harmonic mean of TD ₅₀ for the species includes a value for the upper 99% confidence limit on TD ₅₀ from an experiment with a target site with 100% tumor incidence in dosed animals. No TD ₅₀ could be calculated for the site because only summary incidence data (not lifetable) were available.
<	=	For the only target site in the species, 100% of dosed animals had tumors. The value reported is the upper 99% confidence limit on TD ₅₀ ; no TD ₅₀ could be calculated because only summary data (not lifetable) were available. A TD ₅₀ value would be less than the reported upper confidence limit.

Table A. Rats and Mice

Chemical name	CAS	Salmo- nella	Harmonic mean of TD ₅₀ (mg/kg/day)		Rat positivity and target sites		Mouse positivity and target sites	
			Rat	Mouse	Male	Female	Male	Female
A- α -C	26148-68-5	+	.	49.8 ^m	.	.	liv vsc	liv vsc
Acesulfame-K	55589-62-3	.	.	–	.	.	–	–
Acetaldehyde ^s	75-07-0	–	153 ^m	.	nas	nas	.	.
Acetaldehyde methylformyl- hydrazone	16568-02-8	–	.	2.51 ^m	.	.	lun pre	cli lun sto
Acetaldoxime	107-29-9	–	–	.	–	.	.	.
Acetamide	60-35-5	–	180 ^m	3010	liv	liv	hmo	–
Acetaminophen	103-90-2	–	495 ^m	1620 ^m	liv ubl	liv ubl	liv	liv
Acetohexamide	968-81-0	–	–	–	–	–	–	–
Acetone[4-(5-nitro-2-furyl)-2- thiazolyl]hydrazone	18523-69-8	.	6.05	.	.	sto	.	.
Acetonitrile	75-05-8	–	–	–	–	–	–	–
Acetoxime	127-06-0	.	12.1	.	liv	–	.	.
1'-Acetoxysafrole	34627-78-6	+	25 ^m	–	sto	.	–	.
N'-Acetyl-4-(hydroxymethyl) phenylhydrazine	65734-38-5	.	.	241 ^m	.	.	lun vsc	lun vsc
1-Acetyl-2-isonicotinoylhydra- zine	1078-38-2	.	.	330 ^m	.	.	lun	lun
3-Acetyl-6-methyl-2,4-pyrandi- one	520-45-6	.	.	–	.	.	–	–
1-Acetyl-2-phenylhydrazine	114-83-0	+	.	51.2 ^m	.	.	vsc	vsc
4-Acetylaminobiphenyl	4075-79-0	.	1.18	.	.	mgl	.	.
1-Acetylaminofluorene	28314-03-6	.	–	.	.	–	.	.
2-Acetylaminofluorene ^s	53-96-3	+	1.22 ^m	7.59 ^{m,v}	liv mgl ski	liv mgl ski	liv ubl	liv ubl
4-Acetylaminofluorene	28322-02-3	+	–	.	.	–	.	.
4-Acetylaminophenylacetic acid	18699-02-0	.	–	–	–	–	–	–
N-Acetylcysteine	616-91-1	.	–	.	–	.	.	.
Acifluorfen	50594-66-6	.	.	141 ^m	.	.	liv sto	liv sto
Acrolein	107-02-8	+	–	–	–	–	–	–
Acrolein diethylacetal	3054-95-3	.	–	.	–	–	.	.

Chemical name	CAS	Salmo- nella	Harmonic mean of TD ₅₀ (mg/kg/day)		Rat positivity and target sites		Mouse positivity and target sites	
			Rat	Mouse	Male	Female	Male	Female
Acrolein oxime	5314-33-0	.	–	.	–	–	.	.
Acronycine	7008-42-6	.	0.505 ^{i,m}	l	bon per	mgl per	l	l
Acrylamide	79-06-1	–	3.75 ^m	.	nrv per thy	cli mgl nrv orc thy ute	.	.
Acrylic acid	79-10-7	–	–	.	–	–	.	.
Acrylonitrile	107-13-1	+	16.9 ^{m,v}	6.32 ^m	ezy nrv orc smi sto	ezy mgl nas nrv orc smi sto	hag sto	hag sto
Actinomycin C	8052-16-2	.	–	.	–	.	.	.
Actinomycin D	50-76-0	–	0.00111 ^{i,m}	.	per	per	.	.
Adipamide	628-94-4	–	–	–	–	–	–	–
AF-2 ^s	3688-53-7	+	29.4 ^{m,v}	131 ^{m,v}	mgl	mgl	sto	sto
Aflatoxicol	29611-03-8	+	0.00247	.	liv	.	.	.
Aflatoxin B ₁ ^s	1162-65-8	+	0.0032 ^{m,P,v}	–	kid lgi liv	lgi liv	–	–
Aflatoxin, crude	1402-68-2	.	0.00299 ^m	0.343	liv	.	hmo	.
Agar	9002-18-0	.	–	–	–	–	–	–
Alclofenac	22131-79-9	.	–	.	–	–	.	.
Aldicarb	116-06-3	–	–	–	–	–	–	–
Aldrin	309-00-2	–	–	1.27 ^m	–	–	liv	liv(B)
Alkylbenzenesulfonate, linear	42615-29-2	.	–	.	–	–	.	.
Alkyldimethylamine oxides, commercial grade	mixture	.	–	.	–	–	.	.
Allantoin	97-59-6	.	–	.	–	–	.	.
Allyl alcohol	107-18-6	–	–	.	–	–	.	.
Allyl chloride	107-05-1	+	l	–	l	l	–	–
Allyl glycidyl ether	106-92-3	+	–	182	–	–	nas	–
Allyl isothiocyanate	57-06-7	+	96	–	ubl	–	–	–
Allyl isovalerate	2835-39-4	–	123	62.8	hmo	–	–	hmo
1-Allyl-1-nitrosourea	760-56-5	.	0.341 ^m	.	lgi lun sto	mgl sto ute	.	.
Allylhydrazine.HCl	52207-83-7	.	.	34.2 ^m	.	.	lun	lun vsc
Aluminum potassium sulfate	10043-67-1	.	–	–	–	–	–	–

Chemical name	CAS	Salmo- nella	Harmonic mean of TD ₅₀ (mg/kg/day)		Rat positivity and target sites		Mouse positivity and target sites	
			Rat	Mouse	Male	Female	Male	Female
1-Amino-2,4-dibromoanthraqui- none	81-49-2	+	46 ^m	477 ^m	kid lgi liv ubl	kid lgi liv ubl	liv lun sto	liv lun sto
3-Amino-4-ethoxyacetanilide	17026-81-2	+	–	2070	–	–	thy	–
3-Amino-9-ethylcarbazole.HCl	6109-97-3	+	57.2 ^m	38.6 ^m	ezy liv ski	ezy liv ute	liv	liv
3-Amino-9-ethylcarbazole mixture	mixture	+	26.4 ^m	38 ^m	ezy liv ski	ezy	liv	liv
3-Amino-4-[2-[(2-guanidinothia- zol-4-yl)methylthio], ethyl- amino]-1,2,5-thiadiazole	---	.	4990 ^m	.	sto	sto	.	.
1-Amino-2-methylantraquinone	82-28-0	+	59.2 ^m	174	kid liv	liv	–	liv
2-Amino-5-(5-nitro-2-furyl)-1,3,4- oxadiazole	3775-55-1	.	3.67	.	.	kid lun mgl sto	.	.
2-Amino-5-(5-nitro-2-furyl)-1,3,4- thiadiazole	712-68-5	.	0.662	.	.	kid lun mgl sto	.	.
2-Amino-4-(5-nitro-2-furyl)thia- zole	38514-71-5	+	5.85	7.87	.	sto ubl	.	sto
trans-5-Amino-3[2-(5-nitro-2- furyl)vinyl]-1,2,4-oxadiazole	28754-68-9	.	.	112 ^m	.	.	hmo sto	hmo sto
2-Amino-4-nitrophenol	99-57-0	+	839	–	kid	–	–	–
2-Amino-5-nitrophenol	121-88-0	+	111	–	pan	–	–	–
4-Amino-2-nitrophenol	119-34-6	+	309	–	ubl	–	–	–
2-Amino-4-(<i>p</i> -nitrophenyl)thia- zole	2104-09-8	.	.	9.95	.	.	.	hmo
2-Amino-5-nitrothiazole	121-66-4	+	44.6	–	– ^u	kid lun mgl	–	–
2-Amino-5-phenyl-2-oxazolin-4- one + Mg(OH) ₂	18968-99-5	.	–	.	.	–	.	.
2-Aminoanthraquinone	117-79-3	+	101	1190 ^m	liv	–	liv	hmo liv
<i>o</i> -Aminoazotoluene	97-56-3	+	4.04 ^m	–	liv	liv	–	.
6-Aminocaproic acid	60-32-2	.	–	.	–	.	.	.
4-Aminodiphenyl	92-67-1	+	.	2.1 ^m	.	.	liv ubl	liv ubl
4-Aminodiphenyl.HCl	2113-61-3	+	0.98	.	.	mgl	.	.
2-Aminodiphenylene oxide	3693-22-9	.	.	4.24 ^{m,P}	.	.	liv ubl	liv

Chemical name	CAS	Salmo- nella	Harmonic mean of TD ₅₀ (mg/kg/day)		Rat positivity and target sites		Mouse positivity and target sites	
			Rat	Mouse	Male	Female	Male	Female
1-(Aminomethyl)cyclohexane- acetic acid	60142-96-3	.	5850	.	pan	–	.	.
2,2'-[(4-Aminophenyl)imino]bis- ethanol sulfate	54381-16-7	.	–	.	–	–	.	.
3-Aminotriazole ^s	61-82-5	–	9.94 ^m	25.3 ^m	thy	pit thy	liv	liv
11-Aminoundecanoic acid	2432-99-7	–	1100	–	liv ubl	–	–	–
Ammonium chloride	12125-02-9	.	.	–	.	.	.	–
Ammonium citrate	3012-65-5	.	–	.	–	.	.	.
Ammonium hydroxide	1336-21-6	.	.	–	.	.	–	–
Amobarbital	57-43-2	.	–	.	–	.	.	.
<i>d</i> -Amphetamine sulfate	60-13-9	–	–	–	–	–	–	–
Ampicillin trihydrate	7177-48-2	–	–	–	–	–	–	–
1-Amyl-1-nitrosourea	10589-74-9	.	0.555 ^m	.	hmo lun sto	hmo lun mgl sto ute	.	.
Amylopectin sulfate	9047-13-6	.	283 ^m	.	lgi	.	.	.
Anethole	104-46-1	–	.	–	.	.	.	–
trans-Anethole	4180-23-8	.	–	.	–	–	.	.
Anhydroglucochloral	15879-93-3	.	.	–	.	.	–	–
Anilazine	101-05-3	–	–	–	–	–	–	–
Aniline	62-53-3	–	–	.	–	.	.	.
Aniline.HCl	142-04-1	–	269 ^{m,v}	–	per spl vsc	per	–	–
<i>o</i> -Anisidine.HCl	134-29-2	+	29.7 ^m	966 ^m	kid thy ubl	ubl	ubl	ubl
<i>p</i> -Anisidine.HCl	20265-97-8	+	–	–	–	–	–	–
Anthranilic acid	118-92-3	–	–	–	–	–	–	–
9,10-Anthraquinone	84-65-1	+	.	–	.	.	–	–
Antimony potassium tartrate	28300-74-5	–	.	.	.	.	B–	B–
Aramite	140-57-8	.	96.7 ^m	158	liv(B)	liv(B)	liv	–
Arecoline.HCl	61-94-9	.	.	39.5 ^m	.	.	lun sto vsc	lun vsc
Aristolochic acid, sodium salt (77% AA I, 21% AA II)	10190-99-5	+	0.0141 ^m	.	kid sto ubl ^A	kid sto ubl ^A	.	.
Aroclor 1016	12674-11-2	.	53.9	.	–	liv	.	.
Aroclor 1242	11104-29-3	.	11.8 ^m	.	thy	liv	.	.

Chemical name	CAS	Salmo- nella	Harmonic mean of TD ₅₀ (mg/kg/day)		Rat positivity and target sites		Mouse positivity and target sites	
			Rat	Mouse	Male	Female	Male	Female
Aroclor 1254	11097-69-1	-	4.8 ^m	9.58	thy	liv	liv	.
Aroclor 1260	11096-82-5	.	2.81 ^m	.	liv thy	liv	.	.
Arsenate, sodium ^s	7631-89-2	.	-	.	B-	B-	.	.
Arsenious oxide	1327-53-3	.	.	-	.	.	-	-
Arsenite, sodium	7784-46-5	.	-	-	B-	B-	B-	L
<i>L</i> -Ascorbate, sodium	134-03-2	.	-	.	-	.	.	.
<i>L</i> -Ascorbic acid	50-81-7	-	-	-	-	-	-	-
Aspartame	22839-47-0	.	-	.	-	-	.	.
Aspirin	50-78-2	-	-	-	-	B-	-	-
Aspirin, phenacetin, and caffeine	8003-03-0	-	-	-	-	-	-	-
Astemizole	68844-77-9	.	-	-	-	-	-	-
<i>d,l</i> -Atenolol.HCl	51706-40-2	.	-	.	-	-	.	.
Atrazine	1912-24-9	-	36.6 ^m	-	mgl	hmo mgl ute	-	-
Atropine	51-55-8	.	-	.	-	-	.	.
Auramine-O	2465-27-2	+	11	62.7 ^m	liv	.	liv	liv
Auranofin	34031-32-8	.	.	-	.	.	-	-
5-Azacytidine	320-67-2	+	0.17 ⁱ	0.0774 ^{i,m}	tes	l	hmo lun ski	hmo mgl ski
6-Azacytidine	3131-60-0	.	-	.	-	.	.	.
Azaserine	115-02-6	+	0.793 ⁱ	.	pan(B)	pan(B)	.	.
Azathioprine ^s	446-86-6	+	-	8.92	.	-	-	hmo vsc
Azelnidipine	123524-52-7	.	-	-	-	-	-	-
Azide, sodium	26628-22-8	+	-	.	-	-	.	.
Azinphosmethyl	86-50-0	+	-	-	-	-	-	-
Azobenzene	103-33-3	+	24.1 ^m	-	spl vsc	spl	-	-
Azoxymethane	25843-45-2	+	0.0466 ^m	.	ezy kid lgi liv	.	.	.
1-Azoxypropane	17697-55-1	.	0.000241 ^P	.	nas ski	.	.	.
2-Azoxypropane	---	.	0.00268	.	ski	.	.	.
AZT	30516-87-1	+	11600	296 ^m	-	vag	-	vag
Barbital, sodium	144-02-5	.	45.7 ^m	.	kid	-	.	.

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			Rat	Mouse	Male	Female	Male	Female
Barbituric acid	67-52-7	.	–	.	–	.	.	.
Barium acetate	543-80-6	.	–	–	–	–	–	–
Barium chloride dihydrate	10326-27-9	–	–	–	–	–	–	–
Bemitradine	88133-11-3	.	548 ^m	.	liv	liv mgl	.	.
Benzalazine	64896-26-0	.	–	–	–	–	–	–
Benzaldehyde	100-52-7	–	–	1490 ^m	–	–	sto	sto
Benzene	71-43-2	–	169 ^m	77.5 ^{m,v}	ezy nas orc ski sto vsc	ezy nas orc sto vsc	ezy hag hmo lun pre	ezy hmo lun mgl ova
Benzenediazonium sulfate	6415-38-9	.	.	14.4 ^m	.	.	lun	lun
Benzenesulphonohydrazide	5351-65-5	.	.	–	.	.	.	–
Benzidine	92-87-5	+	1.73	19.9	hmo(B) liv(B) mgl(B)	hmo(B) liv(B) mgl(B)	liv	.
Benzidine.2HCl	531-85-1	+	.	19.7 ^m	.	.	hag liv	hag liv vsc
Benzo(a)pyrene	50-32-8	+	0.956	3.47 ^m	sto(B)	sto(B)	eso	eso orc sto
Benzoate, sodium	532-32-1	.	–	–	–	–	–	–
Benzofuran	271-89-6	–	424	25.1 ^m	–	kid	liv lun sto	liv lun sto
Benzoguanamine	91-76-9	.	–	–	–	.	–	–
Benzoic acid	65-85-0	–	–	.	–	.	.	.
Benzoin	119-53-9	–	–	–	–	–	–	–
1,4-Benzoquinone	106-51-4	–	.	5.07 ^m	.	.	hmo	hmo
Benzothiazyl disulfide	120-78-5	+	.	–	.	.	–	–
1 <i>H</i> -Benzotriazole	95-14-7	+	–	–	–	–	–	–
Benzotrichloride	98-07-7	+	.	0.396	.	.	.	hmo lun sto
Benzoyl hydrazine	613-94-5	.	.	9.59 ^m	.	.	hmo lun	hmo lun
Benzyl acetate	140-11-4	–	–	1440 ^m	–	–	liv sto	liv sto
Benzyl alcohol	100-51-6	–	–	–	–	–	–	–
Benzyl chloride	100-44-7	+	–	61.5 ^m	–	–	sto	sto
<i>o</i> -Benzyl- <i>p</i> -chlorophenol	120-32-1	–	–	1350	–	–	kid	–
Benzyl isothiocyanate	622-78-6	.	–	.	–	.	.	.

Chemical name	CAS	Salmo- nella	Harmonic mean of TD ₅₀ (mg/kg/day)		Rat positivity and target sites		Mouse positivity and target sites	
			Rat	Mouse	Male	Female	Male	Female
Benzyl thiocyanate	3012-37-1	.	–	.	–	.	.	.
Benzylhydrazine.2HCl	20570-96-1	.	.	85.3	.	.	–	lun
3-Benzylsydnone-4-acetamide	14504-15-5	.	4.24	10.2	liv	.	.	liv
Beryllium sulfate	13510-49-1	–	–	–	–	–	–	–
Bifenthrin	82657-04-3	.	.	–	.	.	–	–
Biphenyl	92-52-4	–	.	–	.	.	–	–
5,5'-(1,1'-Biphenyl)-2,5-dylbis (oxy)(2,2-dimethylpentanoic acid)	79520-77-7	.	.	55.5 ^m	.	.	liv	liv
2-Biphenylamine.HCl	2185-92-4	+	–	1120	–	–	–	vsc
2,2-Bis(bromomethyl)-1,3-pro- panediol, technical grade	3296-90-0	+	111 ^m	137 ^m	eso ezy hmo lgi lun mgl orc per ski smi sto sub tes thy ubl	eso mgl orc thy	hag kid lun	hag lun sub
1,1-Bis(<i>tert</i> -butylperoxy)-3,3,5- trimethylcyclohexane	6731-36-8	.	.	–	.	.	–	–
Bis(tri- <i>n</i> -butyltin)oxide, technical grade	56-35-9	–	–	.	–	–	.	.
Bis(2-chloro-1-methylethyl) ether, technical grade	108-60-1	+	–	191 ^m	–	–	liv lun	lun
Bis-2-chloroethylether	111-44-4	+	.	11.7 ^m	.	.	liv	–
Bis-1,4-(chloromethoxy)butane	13483-19-7	.	.	–	.	.	.	–
Bis-1,2-(chloromethoxy)ethane	13483-18-6	.	.	4.62 ⁱ	.	.	.	per
Bis-1,6-(chloromethoxy)hexane	56894-92-9	.	.	–	.	.	.	–
Bis-1,4-(chloromethoxy)- <i>p</i> - xylene	56894-91-8	.	.	3.11 ⁱ	.	.	.	per
Bis-(chloromethyl)ether	542-88-1	.	0.00357	0.182 ^m	lun nas	.	lun	per
Bis(2,3-dibromopropyl)phos- phate, magnesium salt	36711-31-6	.	32 ^m	.	eso smi sto	eso liv smi sto	.	.
1,4-Bis[2-(3,5-dichloropyridyl- oxy)]benzene	76150-91-9	.	–	.	–	.	.	.
4-Bis(2-hydroxyethyl)amino-2-(5-	33372-39-3	–	3.14	.	mgl smi	.	.	.

Chemical name	CAS	Salmo- nella	Harmonic mean of TD ₅₀ (mg/kg/day)		Rat positivity and target sites		Mouse positivity and target sites	
			Rat	Mouse	Male	Female	Male	Female
nitro-2-thienyl)quinazoline								
4-Bis(2-hydroxyethyl)amino-2-(2-thienyl)quinazoline	58139-47-2	-	-	.	.	-	.	.
Bis-2-hydroxyethyldithiocarbamic acid, potassium	23746-34-1	.	.	37.7 ^m	.	.	liv	-
Bis(2-hydroxypropyl)amine	110-97-4	-	-	.	-	.	.	.
Bismuth dimethyldithiocarbamate	21260-46-8	.	.	-	.	.	-	-
Bismuth oxychloride	7787-59-9	.	-	.	B-	B-	.	.
Bisphenol A	80-05-7	-	-	-	-	-	-	-
Black PN	2519-30-4	.	-	-	-	-	-	-
C.I. direct black 38	1937-37-7	+	1.39 ^m	71.6	liv	liv	liv(B) mgl(B)	liv(B) mgl(B)
C.I. direct blue 6	2602-46-2	+	1.73 ^m	.	liv	liv	.	.
C.I. direct blue 15	2429-74-5	+	27.5 ^m	.	ezy lgi liv orc pre ski smi	cli ezy hmo lgi liv orc ski smi ute	.	.
C.I. direct blue 218	28407-37-6	-	1570	857 ^m	orc	-	liv	liv
C.I. disperse blue 1	2475-45-8	+	156 ^m	-	ubl	ubl	-	-
FD & C blue no. 1	3844-45-9	.	-	-	B-	B-	-	-
FD & C blue no. 2	860-22-0	-	-	-	B-	B-	-	-
HC blue no. 1	2784-94-3	+	702	86.3 ^{m,P}	-	lun	liv thy	liv
HC blue no. 1 (purified)	2784-94-3	+	.	78.7 ^m	.	.	.	liv
HC blue no. 2	33229-34-4	+	-	-	-	-	-	-
Gardenia blue color	526194-45-6	.	-	.	-	-	.	.
Boric acid	10043-35-3	-	.	-	.	.	-	-
Bromate, potassium ^s	7758-01-2	+	9.82 ^m	53.8	kid per thy	kid	kid	-
Bromoacetaldehyde	17157-48-1	.	.	-	.	.	-	-
Bromocriptine mesylate	22260-51-1	.	33.7	-	-	ute	-	-
Bromodichloromethane	75-27-4	+	72.5 ^{m,v}	47.7 ^m	kid lgi	kid lgi liv	kid	liv
Bromoethane	74-96-4	+	149 ⁿ	535	adr lun nrv	-	-	ute

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Bromoethanol	540-51-2	+	.	76.1 ^m	.	.	sto	sto
C.I. direct brown 95	16071-86-6	+	2.07	.	–	liv	.	.
Budesonide	51333-22-3	.	0.291	.	liv	.	.	.
1,3-Butadiene	106-99-0	+	261 ^{m,v}	13.9 ^{m,v}	tes	mgl	hag hmo kid liv lun nrv pre sto vsc	hag hmo liv lun mgl ova sto vsc
2-Butoxyethanol	111-76-2	–	–	1710 ^m	–	–	vsc	sto
<i>tert</i> -Butyl alcohol	75-65-0	–	64.6	21900	kid	–	–	thy
Butyl benzyl phthalate	85-68-7	–	1040	–	pan	– ^u	–	–
<i>n</i> -Butyl chloride	109-69-3	–	–	–	–	–	–	–
2- <i>sec</i> -Butyl-4,6-dinitrophenol	88-85-7	–	.	–	.	.	–	–
<i>N-n</i> -Butyl- <i>N</i> -formylhydrazine	16120-70-0	.	.	19.3 ^m	.	.	lun pre	cli lun
Butyl <i>p</i> -hydroxybenzoate	94-26-8	–	.	–	.	.	–	–
<i>N</i> -Butyl- <i>N</i> -(4-hydroxybutyl) nitro- samine	3817-11-6	+	0.457 ^{m,P,v}	.	tes ubl	ubl	.	.
di- <i>tert</i> -Butyl-4-hydroxymethyl phenol	88-26-6	.	–	.	–	–	.	.
2- <i>tert</i> -Butyl-4-methylphenol	2409-55-4	.	–	.	–	.	.	.
<i>N</i> -Butyl- <i>N</i> '-nitro- <i>N</i> - nitrosoguanidine	13010-08-7	+	–	.	–	.	.	.
<i>N-n</i> -Butyl- <i>N</i> -nitrosoourea	869-01-2	+	0.517 ^{m,v}	.	eso ezy hmo lgi lun sto	eso ezy hmo lgi lun mgl sto ute vag	.	.
Butylated hydroxyanisole ^s	25013-16-5	–	405 ^{m,P,v}	5530 ^{m,n}	sto	sto	sto	–
Butylated hydroxytoluene	128-37-0	–	–	653 ^m	–	–	liv lun	–
1,1-di- <i>n</i> -Butylhydrazine	7422-80-2	.	.	45.2 ^m	.	.	liv lun sto	lun sto
<i>n</i> -Butylhydrazine.HCl	56795-65-4	.	.	12.1 ^m	.	.	lun	lun
1,2-di- <i>n</i> -Butylhydrazine.2HCl	78776-28-0	.	.	46.2 ^m	.	.	hmo kid lun	hmo lun
<i>tert</i> -Butylhydroquinone	1948-33-0	–	.	–	.	.	–	–
2,4,6-tri- <i>tert</i> -Butylphenol	732-26-3	.	–	.	–	–	.	.

Chemical name	CAS	Salmo- nella	Harmonic mean of TD ₅₀ (mg/kg/day)		Rat positivity and target sites		Mouse positivity and target sites	
			Rat	Mouse	Male	Female	Male	Female
<i>p-tert</i> -Butylphenol	98-54-4	.	–	.	–	.	.	.
<i>N</i> -Butylurea	592-31-4	.	–	–	–	–	–	–
β-Butyrolactone	3068-88-0	.	13.8	.	.	sto	.	.
γ-Butyrolactone	96-48-0	–	–	–	–	–	–	–
Cadmium acetate	543-90-8	.	–	–	B–	B–	–	–
Cadmium chloride ^s	10108-64-2	–	0.0136 ^{m,v}	–	hmo kid lun pro tes	lun	.	–
Cadmium chloride monohydrate	35658-65-2	.	–	.	–	–	.	.
Cadmium diethyldithiocarbamate	14239-68-0	.	.	–	.	.	–	–
Cadmium sulphate (1:1) ^s	10124-36-4	.	0.0217 ^m	–	lun	lun	.	–
Cadmium sulphate (1:1) hydrate (3:8)	7790-84-3	.	–	–	–	.	–	.
Caffeic acid	331-39-5	–	297 ^m	4900 ^m	kid sto	sto	lun sto	kid sto
Caffeine	58-08-2	–	–	–	–	–	–	–
Calciferol	50-14-6	.	.	–	.	.	.	L
Calcium acetate	62-54-4	.	–	.	–	.	.	.
Calcium chloride	10043-52-4	–	–	.	–	.	.	.
Calcium lactate	814-80-2	.	–	.	–	–	.	.
Calcium valproate	33433-82-8	.	1300	.	–	ute	.	.
Camostat mesylate	59721-29-8	.	–	.	–	.	.	.
Candesartan cilexetil	145040-37-5	.	–	.	–	–	.	.
Caprolactam	105-60-2	–	–	–	–	–	–	–
Capsaicin	404-86-4	–	.	167 ^{m,n}	.	.	lgi	lgi
Captafol	2425-06-1	–	73.4 ^{m,v}	178 ^{m,v}	kid liv	kid liv mgl	hag hmo liv smi sto vsc	hmo liv smi sto vsc
Captan	133-06-2	+	2080 ^m	2110 ^m	kid	ute	smi	smi
Carbamyl hydrazine.HCl	563-41-7	–	.	223 ^m	.	.	lun	lun vsc
1-Carbamyl-2-phenylhydrazine	103-03-7	.	.	165 ^m	.	.	lun	lun
Carbarsone	121-59-5	–	–	.	–	–	.	.
Carbaryl	63-25-2	+	14.1	–	tba(B)	tba(B)	–	–

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Carbazole	86-74-8	-	.	164 ^m	.	.	liv sto	liv sto
Carbofuran	1563-66-2	.	.	-	.	.	-	-
Carbon tetrachloride	56-23-5	-	27.8 ^m	33.6 ^{m,v}	liv	liv mgl	adr liv	adr liv
Carboxymethylnitrosourea	60391-92-6	-	4.31 ^{m,v}	.	ski	mgl smi	.	.
Carbromal	77-65-6	-	-	-	-	-	-	-
β-Carotene	7235-40-7	+	-	-	-	.	-	-
Carrageenan, acid-degraded	53973-98-1	.	2310 ^m	.	lgi	lgi(B)	.	.
Carrageenan, native ^s	9000-07-1	.	-	.	-	-	.	.
d-Carvone	2244-16-8	-	.	-	.	.	-	-
Catechins, commercial mixture from green tea (91% cate- chins)	136511-29-0	.	-	.	.	-	.	.
Catechol	120-80-9	-	71.5 ^{m,P,v}	244 ^m	sto	sto	sto	sto
Celecoxib	169590-42-5	.	-	.	-	.	.	.
Celiprolol	56980-93-9	.	-	-	-	-	-	-
Cevimeline.HCl	153504-70-2	.	-	.	-	-	.	.
Chenodeoxycholic acid	474-25-9	.	.	.	.	.	B-	B-
Chloral hydrate	302-17-0	+	-	99.9 ^m	-	.	liv	-
Chloramben	133-90-4	+	-	5230	-	-	-	liv
Chlorambucil	305-03-3	+	0.896 ^m	0.133 ^{i,m}	hmo	ezy mgl nrv	hmo lun	lun
Chloraminated water	---	.	-	-	-	-	-	-
Chloramphenicol	56-75-7	-	-	.	.	-	.	.
Chloranil	118-75-2	+	.	-	.	.	-	-
Chlordane, technical grade	57-74-9	-	-	1.37 ^{m,v}	-	-	liv	liv
Chlorendic acid	115-28-6	-	40.8 ^m	141	liv pan	liv	liv	-
Chlorinated paraffins (C ₁₂ , 60% chlorine)	63449-39-8	-	222 ^m	113 ^m	kid liv	liv thy	liv	liv thy
Chlorinated paraffins (C ₂₃ , 43% chlorine)	63449-39-8	-	-	6540	-	-	hmo	-
Chlorinated trisodium phosphate	56802-99-4	+	.	-	.	.	-	-

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Chlorinated water	---	.	–	–	–	–	–	–
Chlorine	7782-50-5	–	–	–	–	–	–	–
Chlormadinone acetate	302-22-7	.	.	–	.	.	.	L
4-Chloro-4'-aminodiphenylether	101-79-1	.	37.6	346	liv	.	–	ubl vsc
3-Chloro-4-(dichloromethyl)-5-hydroxy-2(5 <i>H</i>)-furanone	77439-76-0	.	0.583 ^m	.	adr hmo liv lun pan thy	adr hmo liv mgl thy	.	.
2-Chloro-5-(3,5-dimethylpiperidin-2-yl)sulphonyl)benzoic acid	37087-94-8	.	4.85	.	liv	.	.	.
1-Chloro-2,4-dinitrobenzene	97-00-7	.	–	–	–	.	–	–
3-Chloro-2-methylpropene	563-47-3	–	.	1000 ^m	.	.	sto	hag sto
3-Chloro-2-methylpropene, technical grade (containing 5% dimethylvinyl chloride)	563-47-3	+	113 ^m	77.7 ^m	sto	sto	sto	sto
1-Chloro-2-nitrobenzene	88-73-3	+	–	157 ^m	–	.	liv	liv
1-Chloro-4-nitrobenzene	100-00-5	+	–	473 ^m	–	.	liv vsc	vsc
4-Chloro- <i>m</i> -phenylenediamine	5131-60-2	+	315	1230	adr	–	–	liv
4-Chloro- <i>o</i> -phenylenediamine	95-83-0	+	214 ^m	1340 ^m	sto ubl	sto ubl	liv	liv
2-Chloro- <i>p</i> -phenylenediamine sulfate	61702-44-1	+	–	–	–	–	–	–
1-Chloro-2-propanol, technical grade (~75% 1-chloro-2-propanol; ~25% 2-chloro-1-propanol)	127-00-4	+	–	–	–	–	–	–
3-Chloro- <i>p</i> -toluidine	95-74-9	–	–	–	–	–	–	–
5-Chloro- <i>o</i> -toluidine	95-79-4	–	–	195 ^m	–	–	liv vsc	liv vsc
4-Chloro- <i>o</i> -toluidine.HCl	3165-93-3	–	–	25.8 ^{m,v}	–	–	vsc	vsc
2-Chloro-1,1,1-trifluoroethane	75-88-7	–	87.3 ^m	.	tes	ute	.	.
[4-Chloro-6-(2,3-xylylidino)-2-pyrimidinylthio]acetic acid ^s	50892-23-4	.	4.36 ^{m,P,v}	<10.8 ^P	liv	.	liv	.
4-Chloro-6-(2,3-xylylidino)-2-pyrimidinylthio(<i>N</i> -β-hydroxyethyl)acetamide	65089-17-0	.	6.49	44.6	liv	.	.	liv

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Chloroacetaldehyde	107-20-0	+	.	36.1	.	.	liv	-
2-Chloroacetophenone	532-27-4	-	-	-	-	-	-	-
4'-(Chloroacetyl)-acetanilide	140-49-8	+	-	-	-	-	-	-
<i>p</i> -Chloroaniline	106-47-8	+	-	-	-	-	-	-
<i>p</i> -Chloroaniline.HCl	20265-96-7	+	7.62	89.5	spl	-	liv vsc	-
<i>o</i> -Chlorobenzalmalonitrile	2698-41-1	+	-	-	-	-	-	-
Chlorobenzene	108-90-7	-	247	-	liv	-	-	-
Chlorobenzilate	510-15-6	-	-	93.9 ^{m,v}	-	-	liv	liv
Chlorodibromomethane	124-48-1	-	-	139	-	-	-	liv
Chlorodifluoromethane	75-45-6	.	-	-	-	-	-	-
Chloroethane	75-00-3	+	-	1810	-	-	l	ute
(2-Chloroethyl)trimethylammo- nium chloride	999-81-5	-	-	-	-	-	-	-
1-Chloroethylnitroso-3-(2-hy- droxypropyl)urea	---	.	0.124	.	lun	-	.	.
Chlorofluoromethane	593-70-4	.	27.5 ^m	.	sto	sto	.	.
Chloroform ^s	67-66-3	-	262 ^m	111 ^{m,v}	kid	liv	kid liv	liv
Chloromethyl methyl ether ^s	107-30-2	-	5.5	.	mix	.	.	.
2-(Chloromethyl)pyridine.HCl	6959-47-3	+	-	-	-	-	-	-
3-(Chloromethyl)pyridine.HCl	6959-48-4	+	433	229 ^m	sto	-	sto	sto
<i>p</i> -Chlorophenyl- <i>p</i> -chloroben- zene sulfonate	80-33-1	.	.	-	.	.	-	-
3-(<i>p</i> -Chlorophenyl)-1,1-dimethyl- urea	150-68-5	-	131	-	kid liv	-	-	-
(±)-(4)-(2-Chlorophenyl)-2-[2-(4- isobutylphenyl)ethyl]-6,9-di- methyl-6 <i>H</i> -thieno[3,2- <i>f</i>][1,2,4] triazolo[4,3- <i>a</i>][1,4]diazepine	117279-73-9	.	-	.	-	-	.	.
1-(4-Chlorophenyl)-1-phenyl-2- propynyl carbamate	10473-70-8	.	8.78	.	nrv smi	.	.	.
<i>p</i> -Chlorophenyl-2,4,5-trichloro- phenyl sulfide	2227-13-6	.	-	.	-	-	.	.

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Chloropicrin	76-06-2	+		–			–	–
Chloroprene (>96% chloroprene)	126-99-8	–	12.5 ^m	8.17 ^m	kid lun orc thy	kid mgl orc thy	hag kid lun sto vsc	ezy hag liv lun mgl per sto sub vsc
Chloroprene (99.6% chloro- prene) ^s	126-99-8	–	–	.	–	–	.	.
2-Chloropropanal	683-50-1	.	.	12.9	.	.	–	sto
1-Chloropropene	590-21-6	.	.	5.05	.	.	–	sto
Chlorotetrafluoroethane	2837-89-0	.	–	.	.	–	.	.
Chlorothalonil	1897-45-6	–	2270 ^m	–	kid	kid	–	–
Chlorozotocin	54749-90-5	+	0.0375 ^{i,m}	.	per	per	.	.
Chlorpheniramine maleate	113-92-8	–	–	–	–	–	–	–
Chlorpropamide	94-20-2	–	–	–	–	–	–	–
Chocolate Brown FB	12236-46-3	.	–	–	–	–	–	–
Chocolate Brown HT	4553-89-3	.	.	–	.	.	–	–
Choline chloride	67-48-1	–	–	–	–	.	–	.
Chromic oxide pigment	1308-38-9	.	–	.	B–	B–	.	.
Chromium (III) acetate	1066-30-4	.	–	–	B–	B–	–	–
Chrysazin	117-10-2	+	245	201	lgi	.	liv	.
Cimetidine	51481-61-9	.	–	–	–	–	.	–
trans-Cinnamaldehyde	14371-10-9	–	–	–	–	–	–	–
Cinnamyl anthranilate	87-29-6	–	12100	2580 ^m	kid pan	–	liv	liv
Ciprofibrate	52214-84-3	.	1.97 ^{m,P,v}	6.2 ^m	liv sto	sto	liv	.
Citral	5392-40-5	–	–	–	–	–	–	–
Citric acid	77-92-9	.	–	.	–	.	.	.
Citrinin	518-75-2	–	<7.48 ^{m,P}	.	kid	.	.	.
Clivorine	33979-15-6	.	0.5	.	liv(B) vsc(B)	liv(B) vsc(B)	.	.
Clobuzarit ^s	22494-47-9	.	–	154	–	–	liv	–
Clofibrate	637-07-0	.	169	–	liv pan	.	–	–
Clomiphene citrate	43054-45-1	.	.	–	.	.	.	–
Clonitralid	1420-04-8	.	–	–	–	–		–

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Clophen A 30	55600-34-5	.	157 ⁿ	.	liv	.	.	.
Cobalt sulfate heptahydrate	10026-24-1	+	0.137 ^m	0.756 ^m	lun	adr lun	lun	lun
Codeine	76-57-3	-	-	-	-	-	-	-
Colcemid	477-30-5	.	-	.	-	.	.	.
Compound 50-892	65765-07-3	.	-	-	-	-	-	-
Compound LY171883	88107-10-2	.	.	112	.	.	-	liv
Copper dimethyldithiocarbamate	137-29-1	.	.	-	.	.	-	-
Copper-8-hydroxyquinoline	10380-28-6	.	.	-	.	.	-	-
Coumaphos	56-72-4	-	-	-	-	-	-	-
Coumarin ^s	91-64-5	+	39.2 ^{m,v}	103 ^m	kid liv	liv	lun	liv lun
<i>m</i> -Cresidine	102-50-1	+	470 ^m	-	ubl	ubl	l	-
<i>p</i> -Cresidine	120-71-8	+	98 ^m	54.3 ^m	liv nas ubl	nas ubl	ubl	liv ubl
Crotonaldehyde	123-73-9	.	4.2	.	liv	.	.	.
Cupferron	135-20-6	+	8.35 ^m	585 ^m	liv sto vsc	ezy liv sto vsc	vsc	ezy hag liv vsc
Cyanamide, calcium	156-62-7	+	-	-	-	-	-	-
Cyanazine	21725-46-2	.	6.33	.	-	mgl	.	.
Cyanoguanidine	157480-33-6	.	-	.	-	-	.	.
Cyclamate, sodium ^s	139-05-9	.	-	667 ^m	B-	B-	liv	tba
Cyclochlorotine	12663-46-6	.	.	23.6	.	.	liv	.
Cyclocytidine	31698-14-3	.	-	.	-	-	.	.
β-Cyclodextrin	7585-39-9	.	-	-	-	-	-	-
Cyclohexanone	108-94-1	-	-	-	-	-	-	-
<i>N</i> -Cyclohexyl-2-benzothiazole sulfenamide	95-33-0	.	.	-	.	.	-	-
Cyclohexylamine.HCl	4998-76-9	-	-	-	-	-	-	-
Cyclohexylamine sulfate	19834-02-7	.	-	-	-	-	-	-
Cyclopentanone oxime	1192-28-5	.	40.9	.	liv	.	.	.
3-(Cyclopentyloxy)- <i>N</i> -(3,5-di- chloro-4-pyridyl)-4-methoxy- benzamide	144035-83-6	.	1.54 ^m	.	nas	nas	.	.

Chemical name	CAS	Salmo- nella	Harmonic mean of TD ₅₀ (mg/kg/day)		Rat positivity and target sites		Mouse positivity and target sites	
			Rat	Mouse	Male	Female	Male	Female
Cyclophosphamide ^s	50-18-0	+	2.21 ^{m,v}	5.96 ^{i,m}	hmo(B) nrv(B) tba ubl(B)	hmo(B) nrv(B) tba ubl(B)	lun	hmo lun
Cyclosporin A	59865-13-3	-	-	-	-	-	-	-
Cyproterone acetate	427-51-0	.	.	21.9 ^m	.	.	liv sto	liv sto
L-Cysteine.HCl	52-89-1	.	-	.	-	-	.	.
Cytembena	16170-75-5	+	2.77 ^{i,m}	-	per	mgl	-	-
Dacarbazine	4342-03-4	+	0.71	0.966 ^{i,m}	.	hmo mgl ute	hmo lun vsc	hmo lun ute vsc
Daminozide	1596-84-5	-	2500 ⁿ	1030 ^m	-	ute	kid lun vsc	lun vsc
Dapsone	80-08-0	-	22.4	-	per spl	-	-	-
<i>o,p'</i> -DDD	53-19-0	-	.	-	.	.	-	-
<i>p,p'</i> -DDD	72-54-8	-	-	30.7 ^m	-	-	liv lun	lun
<i>p,p'</i> -DDE ^s	72-55-9	-	-	12.5 ^m	-	-	liv	liv
DDT ^s	50-29-3	-	84.7 ^m	12.8 ^{m,v}	liv	liv	hmo liv lun	hmo liv lun
Decabromodiphenyl oxide	1163-19-5	-	3340 ^m	-	liv	liv	-	-
Decabromodiphenyl oxide, technical grade (77.4% DBDPO, 21.8% nonabromodiphenyl oxide, 0.8% octabromodiphenyl oxide)	1163-19-5	-	-	.	-	-	.	.
Deflazacort	14484-47-0	.	-	.	bon	-	.	.
Dehydroepiandrosterone	53-43-0	.	83.5 ^m	.	liv	liv	.	.
Dehydroepiandrosterone acetate	853-23-6	.	49.6 ^m	.	liv	liv	.	.
Dehydroepiandrosterone sulfate	651-48-9	.	.	-	.	.	-	-
Deltamethrin	52918-63-5	-	-	-	-	-	-	-
Deoxynivalenol	51481-10-8	.	.	-	.	.	-	.
Deserpidine	131-01-1	.	-	.	B-	B-	.	.
Dexamethazone	50-02-2	.	-	.	-	.	.	.
Dextran	9004-54-0	.	-	.	-	-	.	.
Dextran sulfate sodium (DS-M-1)	9011-18-1	.	196 ^m	.	lgi	lgi	.	.

Chemical name	CAS	Salmo- nella	Harmonic mean of TD ₅₀ (mg/kg/day)		Rat positivity and target sites		Mouse positivity and target sites	
			Rat	Mouse	Male	Female	Male	Female
Dextran sulfate sodium (DST-H)	9011-18-1	.	–	.	–	–	.	.
Dextran sulfate sodium (KMDS-H)	9011-18-1	.	–	.	–	–	.	.
<i>N</i> -1-Diacetamidofluorene	63019-65-8	.	19	.	.	ezy mgl	.	.
Diacetyl hydrazine	3148-73-0	.	.	–	.	.	–	–
Diallate	2303-16-4	+	.	26.7 ^m	.	.	liv	–
Diallyl phthalate	131-17-9	–	–	–	–	–	–	–
1,1-Diallylhydrazine	5164-11-4	.	.	29.6 ^m	.	.	lun sto	lun sto
1,2-Diallylhydrazine.2HCl	26072-78-6	.	.	33.8 ^m	.	.	lun	lun
Diallylnitrosamine ^s	16338-97-9	+	33.9 ^m	.	nas	nas	.	.
4,6-Diamino-2-(5-nitro-2-furyl)- <i>S</i> - <i>triazine</i>	720-69-4	+	1.71	.	.	mgl	.	.
4,4'-Diamino-2,2'-stilbenedisulfonic acid, disodium salt	7336-20-1	–	–	–	–	–	–	–
2,4-Diaminoanisole sulfate	39156-41-7	+	183 ^m	906 ^m	ezy pre ski thy	cli ezy mgl thy	thy	thy
4,4'-Diaminoazobenzene	538-41-0	.	.	–	.	.	–	–
4,4'-Diaminobenzanilide	785-30-8	.	.	–	.	.	–	–
2,4-Diaminophenol.2HCl	137-09-7	+	–	143	–	–	kid	–
2,4-Diaminotoluene	95-80-7	+	2.47 ^m	26.7	liv	liv mgl	–	liv
2,4-Diaminotoluene.2HCl	636-23-7	+	4.42	203 ^m	liv sub	.	liv vsc	liv
2,6-Diaminotoluene.2HCl	15481-70-6	+	–	–	–	–	–	–
2,5-Diaminotoluene sulfate	6369-59-1	+	–	–	–	–	–	–
Diazepam	439-14-5	–	–	–	–	–	–	–
Diazinon	333-41-5	–	–	–	–	–	–	–
3-Diazotyramine.HCl	---	.	37.6	.	orc	.	.	.
Dibenz(<i>a,h</i>)anthracene	53-70-3	+	.	5.88	.	.	lun	.
Dibenzo- <i>p</i> -dioxin	262-12-4	–	–	–	–	–	–	–
3-Dibenzofuranamine	4106-66-5	.	2.48	.	tba	.	.	.
<i>O,S</i> -Dibenzoyl thiamine.HCl	35660-60-7	.	–	.	–	–	.	.
1,2-Dibromo-3-chloropropane	96-12-8	+	0.259 ^m	2.72 ^m	nas orc sto	adr mgl nas orc sto	lun nas sto	lun nas sto

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Dibromodulcitol	10318-26-0	+	8.37 ⁱ	11 ^{i,m}	ski	.	hmo lun	hmo lun
1,2-Dibromoethane	106-93-4	+	1.52 ^m	7.45 ^{m,v}	nas per pit sto vsc	liv lun mgl nas pit sto vsc	lun sto vsc	eso lun mgl nas sto sub vsc
Dibromomannitol	488-41-5	+	27.6 ^{i,m}	14.9 ^{i,m}	per ski	mgl per	lun	hmo lun
5,7-Dibromoquinoline	34522-69-5	.	–	.	–	–	.	.
1,3-Dibutyl-1-nitrosourea	56654-52-5	.	4.28	.	.	hmo mgl	.	.
Dibutyltin diacetate	1067-33-0	–	–	–	–	l	–	–
3,5-Dichloro(<i>N</i> -1,1-dimethyl-2-propynyl)benzamide	23950-58-5	.	.	140	.	.	liv	.
2,3-Dichloro- <i>p</i> -dioxane	3883-43-0	.	.	–	.	.	.	–
1,1-Dichloro-1-fluoroethane	1717-00-6	.	5260	.	tes	–	.	.
α,β-Dichloro-β-formylacrylic acid	87-56-9	+	.	–	.	.	–	–
3,4'-Dichloro-2-methylacrylanilide	2164-09-2	.	.	–	.	.	–	–
2,3-Dichloro-1,4-naphthoquinone	117-80-6	.	.	–	.	.	–	–
2,6-Dichloro-4-nitroaniline	99-30-9	+	.	–	.	.	–	–
2,6-Dichloro- <i>p</i> -phenylenediamine	609-20-1	+	–	803 ^m	–	–	liv	liv
Dichloroacetic acid	79-43-6	+	161 ^m	119 ^m	liv	.	liv	liv
Dichloroacetylene	7572-29-4	.	3.58 ^m	0.574 ^m	kid liv	hmo kid liv	hag kid	hag kid
1,2-Dichlorobenzene	95-50-1	–	–	–	–	–	–	–
1,4-Dichlorobenzene	106-46-7	–	644	323 ^m	kid	–	hmo liv	liv
3,3'-Dichlorobenzidine ^s	91-94-1	+	28.1 ^m	.	ezy hmo mgl	mgl	.	.
3,3'-Dichlorobenzidine.2HCl	612-83-9	+	.	<12.3 ^P	.	.	liv	.
1,4-Dichlorobutene-2 (65% trans-, 35% cis-)	764-41-0	.	0.297 ^m	.	nas	nas	.	.
trans-1,4-Dichlorobutene-2	110-57-6	+	.	1.52 ⁱ	.	.	.	per
2,7-Dichlorodibenzo- <i>p</i> -dioxin	33857-26-0	–	–	–	–	–	–	–
Dichlorodifluoromethane	75-71-8	.	–	–	–	–	–	–

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<i>p,p'</i> -Dichlorodiphenyl sulfone	80-07-9	-	-	-	-	-	-	-
1,1-Dichloroethane	75-34-3	-	-	-	-	-	-	-
1,2-Dichloroethane	107-06-2	+	14.6 ^{m,v}	138 ^m	mgl per sto sub vsc	mgl sub	lun vsc	liv lun mgl ute
2,4-Dichlorophenol	120-83-2	-	-	-	-	-	-	-
α-(2,4-Dichlorophenoxy)propi- onic acid	120-36-5	.	.	-	.	.	-	-
α-(2,5-Dichlorophenoxy)propi- onic acid	6965-71-5	.	.	-	.	.	-	-
2,4-Dichlorophenoxyacetic acid	94-75-7	-	-	-	-	-	-	-
2,4-Dichlorophenoxyacetic acid, <i>n</i> -butyl ester	94-80-4	-	.	-	.	.	-	-
2,4-Dichlorophenoxyacetic acid, isooctyl ester	25168-26-7	-	.	-	.	.	-	-
2,4-Dichlorophenoxyacetic acid, isopropyl ester	94-11-1	.	.	-	.	.	-	-
3-(3,4-Dichlorophenyl)-1,1-di- methylurea	330-54-1	.	.	-	.	.	-	-
2,4-Dichlorophenylbenzene sulfonate	97-16-5	.	.	-	.	.	-	-
1,2-Dichloropropane	78-87-5	+	-	276 ^m	-	-	liv	liv
Dichlorvos	62-73-7	+	4.16	70.4 ^m	hmo pan	-	sto	sto
Dichromate, sodium	10588-01-9	+	4.64	.	lun	.	.	.
Dicofol	115-32-2	-	-	32.9	-	-	liv	-
<i>N,N</i> -Dicyclohexylthiourea	1212-29-9	-	-	-	-	-	-	-
Dicyclopentadiene dioxide	81-21-0	.	-	-	-	.	-	-
Dieldrin ^s	60-57-1	-	-	0.912 ^{m,P}	-	-	liv	liv
Dieldrin, photo-	13366-73-9	+	-	-	-	-	-	-
<i>d,l</i> -Diepoxybutane	298-18-0	+	-	.	.	-	.	.
Diethyl-β,γ-epoxypropylphos- phonate	7316-37-2	.	.	-	.	.	.	-
<i>N,N</i> -Diethyl-4-(4'-[pyridyl-1'- oxide]azo)aniline	7347-49-1	.	<1.63 ^P	.	liv	.	.	.

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			Rat	Mouse	Male	Female	Male	Female
<i>N,N</i> -Diethyl- <i>m</i> -toluamide	134-62-3	-	-	-	-	-	-	-
<i>O,O</i> -Diethyl- <i>O</i> -(3,5,6-trichloro-2-pyridyl)phosphorothioate	2921-88-2	-	-	.	-	-	.	.
Diethylacetamide	685-91-6	.	8.85 ⁿ	.	kid	.	.	.
Diethylacetylurea	---	.	-	.	-	.	.	.
(±)-4-Diethylamino-1, 1-dimethyl-but-2-yn-1-yl 2-cyclohexyl-2-hydroxy-phenylacetate.HCl monohydrate	---	.	-	-	-	-	-	-
Diethylene glycol	111-46-6	-	1660	.	ubl	-	.	.
Diethylformamide	617-84-5	.	-	.	-	.	.	.
Diethylmaleate	141-05-9	.	-	.	-	.	.	.
Diethylstilbestrol	56-53-1	-	0.223 ^{m,v}	0.0391 ^m	adr pit	liv pit	mgl pit tes thy	mgl ova pit thy ute
<i>N,N</i> -Diethylthiourea	105-55-5	-	24 ^m	-	thy	thy	-	-
2-(Difluoromethyl)- <i>dl</i> -ornithine	70052-12-9	.	-	.	-	-	.	.
1,2-Diformylhydrazine	628-36-4	.	.	668 ^m	.	.	lun	lun
Diflalone	21626-89-1	.	.	865 ^m	.	.	vsc	liv vsc
Diglycidyl resorcinol ether, technical grade	101-90-6	+	3.78 ^m	24.3 ^m	sto	sto	sto	sto
5,6-Dihydro-5-azacytidine	62488-57-7	.	-	.	-	.	.	.
1,2-Dihydro-2-(5-nitro-2-thienyl)quinazolin-4(3 <i>H</i>)-one	33389-33-2	+	1.53	.	.	tba	.	.
3,6-Dihydro-2-nitroso-2 <i>H</i> -1,2-oxazine	3276-41-3	.	90.6	.	tba(B)	tba(B)	.	.
3,4-Dihydrocoumarin	119-84-6	-	2970	723	kid	-	-	liv
Dihydrosafrole	94-58-6	-	143	125 ^m	eso(B)	eso(B)	liv	lun
3,3'-Dihydroxybenzidine.2HCl	1592-36-5	.	.	353 ⁿ	.	.	liv	.
24 <i>R</i> ,25-Dihydroxyvitamin D3	55721-11-4	.	-	.	-	.	.	.
Diisononyl phthalate	68515-48-0	-	861 ^m	1850 ^m	hmo kid liv	hmo liv	liv	liv
(<i>R,R</i>)-Dilevalol.HCl	75659-08-4	.	-	.	-	-	.	.
Dimethadione	695-53-4	.	-	.	-	.	.	.

Chemical name	CAS	Salmo- nella	Harmonic mean of TD ₅₀ (mg/kg/day)		Rat positivity and target sites		Mouse positivity and target sites	
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Dimethoate	60-51-5	+	-	-	-	-	-	-
Dimethoxane	828-00-2	+	716	.	hmo kid liv ski sub	.	.	.
Dimethoxane, commercial grade	828-00-2	+	-	-	-	-	-	-
2,5-Dimethoxy-4'-aminostilbene	5803-51-0	.	0.721	95.9	ezy ski smi sto	.	liv lun	-
2,4-Dimethoxyaniline.HCl	54150-69-5	+	-	-	-	-	-	-
3,3'-Dimethoxybenzidine-4,4'- diisocyanate	91-93-0	+	1630 ^m	-	hmo ski	hmo ute	-	-
3,3'-Dimethoxybenzidine.2HCl	20325-40-0	+	1.04 ^m	73.8 ⁿ	ezy lgi liv orc per pre ski smi	cli ezy lgi liv mgl orc ski ute	liv	-
5,7-Dimethoxycyclopentene[<i>c</i>] coumarin	1146-71-0	.	-	.	-	.	.	.
5,7-Dimethoxycyclopentenone [2,3- <i>c</i>]coumarin	1150-37-4	.	-	.	-	.	.	.
5,7-Dimethoxycyclopentenone [3,2- <i>c</i>]coumarin	1150-42-1	.	-	.	-	.	.	.
5,6-Dimethoxysterigmatocystin	65176-75-2	.	<0.364 ^P	.	liv	.	.	.
<i>O,O</i> -Dimethyl <i>S</i> -2(acetylamino) ethyl dithiophosphate, technical grade	13265-60-6	.	-	.	-	-	.	.
<i>N,N</i> -Dimethyl-4-aminoazoben- zene ^s	60-11-7	+	3.31	.	.	liv	.	.
<i>N,N</i> -Dimethyl- <i>N,N'</i> -dinitroso- phthalamide	3851-16-9	.	-	.	-	.	.	.
Dimethyl hydrogen phosphite	868-85-9	+	139	-	liv sto	-	-	-
Dimethyl methylphosphonate	756-79-6	-	700	-	kid	-	l	-
Dimethyl morpholinophosphora- midate	597-25-1	-	614 ^m	-	hmo	hmo	-	-
4,6-Dimethyl-2-(5-nitro-2-furyl) pyrimidine	59-35-8	.	1.39 ^P	.	.	kid mgl smi sto vsc	.	.
1,2-Dimethyl-5-nitroimidazole	551-92-8	+	17	.	.	mgl	.	.

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Dimethyl terephthalate	120-61-6	-	-	-	-	-	-	-
Dimethylacetamide	127-19-5	-	-	-	-	-	-	-
6-Dimethylamino-4,4-diphenyl-3-heptanol acetate.HCl	43033-72-3	.	68 ^m	-	liv	liv	-	-
6-Dimethylamino-4,4-diphenyl-3-heptanone.HCl	1095-90-5	.	-	-	-	-	-	-
trans-2-[(Dimethylamino)methyl-imino]-5-[2-(5-nitro-2-furyl)vinyl]-1,3,4-oxadiazole	55738-54-0	+	22.4	.	.	lun mgl smi sto	.	.
4-Dimethylamino-3,5-xyleneol	6120-10-1	.	.	-	.	.	-	-
4-Dimethylaminoantipyrine	58-15-1	+	.	-	.	.	-	-
2-Dimethylaminoethanol	108-01-0	-	.	-	.	.	.	-
Dimethylaminoethylnitrosoethyl urea, nitrite salt	142713-78-8	.	0.704	.	-	mgl ute	.	.
2,6-Dimethylaniline	87-62-7	+	-	.	-	.	.	.
<i>N,N</i> -Dimethylaniline	121-69-7	-	125	-	bon	-	-	-
Dimethylarsinic acid	75-60-5	-	11.4	-	ubl	.	-	-
5,5-Dimethylbarbituric acid	24448-94-0	.	-	.	-	.	.	.
7,12-Dimethylbenz(<i>a</i>)anthracene	57-97-6	+	.	0.084	.	.	.	vsc
3,3'-Dimethylbenzidine.2HCl	612-82-8	+	0.629 ^m	28.6	ezy lgi liv lun orc per pre ski smi	cli ezy lgi liv lun mgl orc ski smi	lun	-
Dimethylcarbonyl chloride ^s	79-44-7	+	.	5.37 ⁱ	.	.	.	per
Dimethyldithiocarbamic acid, dimethylamine	598-64-1	.	.	-	.	.	-	-
<i>N,N</i> -Dimethyldodecylamine- <i>N</i> -oxide	1643-20-5	.	-	.	-	-	.	.
Dimethylformamide	68-12-2	-	-	-	-	-	-	-
1,1-Dimethylhydrazine ^s	57-14-7	+	-	3.96 ^m	-	-	liv lun vsc	lun vsc
1,2-Dimethylhydrazine.2HCl ^s	306-37-6	+	.	0.114 ^{m,P}	.	.	lun vsc	lun vsc
2-(2,2-Dimethylhydrazino)-4-(5-nitro-2-furyl)thiazole	26049-69-4	+	0.41 ^P	.	.	hmo mgl	.	.
Dimethylnitramine	4164-28-7	.	0.547 ^{m,v}	.	liv nas	liv nas	.	.

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Dimethylthiourea	61805-96-7	.	–	.	–	.	.	.
Dimethylvinyl chloride	513-37-1	+	31.8 ^m	14.9 ^m	eso nas orc ski sto	eso nas orc sto	pre sto	sto
2,4-Dinitro-6- <i>tert</i> -buthylphenyl methanesulfonate	29110-68-7	.	–	.	–	–	.	.
Dinitro(1-methylheptyl)phenyl crotonate, commercial grade (78%)	6119-92-2	.	.	–	.	.	–	–
2,4-Dinitrophenol	51-28-5	–	.	.	.	.	B–	B–
2,4-Dinitrophenol, sodium	1011-73-0	.	.	–	.	.	.	–
Dinitrosocaffeidine	145438-97-7	.	0.183	.	sto(B)	sto(B)	.	.
Dinitrosohomopiperazine	55557-00-1	+	0.0615 ^m	.	.	eso liv nas orc	.	.
<i>N,N</i> -Dinitrosopentamethylene- tetramine	101-25-7	.	–	.	–	.	.	.
Dinitrosopiperazine	140-79-4	+	.	3.6 ^m	.	.	sto	sto
2,6-Dinitrotoluene	606-20-2	.	0.292 ^m	.	liv	.	.	.
2,4-Dinitrotoluene (containing 0.5% 2,6-dinitrotoluene)	121-14-2	+	–	.	–	.	.	.
2,4-Dinitrotoluene (containing 1.0-1.5% 2,6-dinitrotoluene)	121-14-2	+	6.21 ^m	29.4	liv ski	liv mgl	kid	–
2,4-Dinitrotoluene, practical grade	121-14-2	+	–	–	– ^u	– ^u	–	–
Dinitrotoluene, technical grade (2,4 (77%)- and 2,6 (19%)-)	25321-14-6	+	8.02	.	liv	.	.	.
1,4-Dioxane	123-91-1	–	267 ^{m,v}	204 ^{m,v}	liv mgl nas per sub	liv mgl nas	liv	liv
Dioxathion	78-34-2	+	–	–	–	–	–	–
Dipentamethylenethiuram hexasulfide	971-15-3	.	.	–	.	.	–	–
Dipentylnitrosamine	13256-06-9	.	4.03 ^m	.	liv	liv	.	.
Diphenhydramine.HCl	147-24-0	–	–	–	–	–	–	–
Diphenyl- <i>p</i> -phenylenediamine	74-31-7	+	–	–	–	–	–	–

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Diphenylacetoneitrile	86-29-3	.	.	–	.	.	–	–
Diphenylcarbonate	102-09-0	.	.	–	.	.	–	–
5,5-Diphenylhydantoin	57-41-0	–	–	59.1	–	–	–	liv
<i>N,N</i> -Dipropyl-4-(4'-[pyridyl-1'-oxide]azo)aniline	---	.	–	.	–	.	.	.
Dipropylene glycol	25265-71-8	–	–	–	–	–	–	–
Dipyrone	68-89-3	.	–	630 ^m	–	–	liv	liv
Disodium 5'-ribonucleotide	80702-47-2	.	–	.	–	–	.	.
2,5-Dithiobiurea	142-46-1	–	–	–	–	–	–	–
Dithiooxamide	79-40-3	.	–	.	.	–	.	.
3- <i>O</i> -Dodecylcarbomethyl-ascorbic acid	---	.	–	.	.	–	.	.
<i>n</i> -Dodecylguanidine acetate	2439-10-3	.	.	–	.	.	–	–
<i>d,l</i> -Dopa	63-84-3	.	–	.	–	.	.	.
Dopamine.HCl	62-31-7	+	–	.	–	.	.	.
Doxefazepam	40762-15-0	.	–	.	–	–	.	.
Doxylamine succinate	562-10-7	–	1610	209 ^m	liv	–	liv thy	liv thy
α-Ecdysone	3604-87-3	.	.	0.0358 ^m	.	.	lun	mgl
Edifas A	9004-59-5	.	–	–	–	–	–	–
Edifas B	9004-32-4	.	–	–	–	–	–	–
EDTA, trisodium salt trihydrate	150-38-9	–	–	–	–	–	–	–
Efonidipine.HCl ethanolate	111011-76-8	.	–	–	–	–	–	–
Ellagic acid	476-66-4	–	–	.	.	–	.	.
Elmiron	37319-17-8	–	–	966 ^m	–	–	vsc	liv vsc
Emetine.2HCl	316-42-7	–	|	|	|	|	|	|
Emodin	518-82-1	+	–	–	–	–	–	–
Emulsifier YN	55965-13-4	.	–	–	–	–	–	–
Endosulfan	115-29-7	–	–	–	–	–	–	–
Endrin	72-20-8	–	–	–	–	–	–	–
Enflurane	13838-16-9	–	.	–	.	.	–	–
Enovid	8015-30-3	.	.	0.279 ^{m,v}	.	.	–	pit
Enovid-E	8015-30-3	.	.	–	.	.	–	–

Chemical name	CAS	Salmo- nella	Harmonic mean of TD ₅₀ (mg/kg/day)		Rat positivity and target sites		Mouse positivity and target sites	
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Ephedrine sulphate	134-72-5	-	-	-	-	-	-	-
Epichlorohydrin	106-89-8	+	2.96 ^m	-	sto	sto	.	-
(-)-Epigallocatechin gallate (85% (-)-epigallocatechin gallate, 10% (-)-epigallocatechin, 5% (-)-epicatechin gallate)	989-51-5	.	.	-	.	.	-	.
<i>l</i> -Epinephrine.HCl	55-31-2	-	|	|	|	|	|	|
1,2-Epoxybutane	106-88-7	+	220	-	lun nas	-	-	-
Erythorbate, sodium	6381-77-7	-	-	-	-	-	-	-
Erythromycin stearate	643-22-1	-	-	-	-	-	-	-
Estazolam	29975-16-4	.	-	-	-	-	-	-
Estradiol	50-28-2	-	.	-	.	.	.	-
Estradiol mustard	22966-79-6	.	-	1.45 ^m	-	-	hmo lun myc sto	hmo lun myc sto
Estragole	140-67-0	-	.	51.8	.	.	.	liv
Ethinyl estradiol	57-63-6	-	0.2	.	.	liv	.	.
Ethionamide	536-33-4	-	-	69.3	-	-	-	thy
Ethionine	13073-35-3	-	<4.97 ^P	.	liv	.	.	.
<i>d,l</i> -Ethionine	67-21-0	-	9.76 ^{m,P}	71.4 ^{m,v}	liv	.	liv	liv
4-Ethoxy-phenylurea	150-69-6	-	537	.	liv(B)	liv(B)	.	.
<i>o</i> -Ethoxybenzamide	938-73-8	-	.	513	.	.	liv	-
Ethoxyquin	91-53-2	-	-	.	-	-	.	.
Ethyl acrylate	140-88-5	-	119 ^m	324 ^m	sto	sto	sto	sto
Ethyl alcohol ^s	64-17-5	-	9110	-	adr liv pan pit	-	-	-
Z-Ethyl- <i>O,N,N</i> -azoxyethane	16301-26-1	.	0.022	.	eso liv nas vsc	.	.	.
Z-Ethyl- <i>O,N,N</i> -azoxymethane	57497-29-7	.	0.0189	.	lgi liv smi vsc	.	.	.
Ethyl bromoacetate	105-36-2	+	.	-	.	.	.	-
<i>S</i> -Ethyl- <i>l</i> -cysteine	2629-59-6	.	-	.	-	.	.	.
<i>p,p'</i> -Ethyl-DDD	72-56-0	+	-	-	-	-	-	-

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<i>N</i> -Ethyl- <i>N</i> -formylhydrazine	74920-78-8	.	.	2.8 ^m	.	.	gal liv lun pre vsc	lun vsc
Ethyl methylphenylglycidate	77-83-8	-	-	.	-	-	.	.
<i>N</i> -Ethyl- <i>N</i> -nitro- <i>N</i> -nitrosoguanidine	63885-23-4	.	.	2.84	.	.	eso(B) smi(B)	eso(B) smi(B)
1-Ethyl-1-nitrosourea	759-73-9	+	0.948 ^m	.	nrv smi thy	nrv smi	.	.
Ethyl tellurac	20941-65-5	-	-	-	-	-	-	-
3- <i>O</i> -Ethylascorbic acid	86404-04-8	.	-	.	.	-	.	.
Ethylbenzene	100-41-4	-	72.6 ^{m,v}	1600 ^m	kid nas ^H tes	+ ^H kid	lun	liv
Ethylene glycol	107-21-1	-	.	-	.	.	-	-
Ethylene glycol, cyclic sulfate	1072-53-3	-	.	-	.	.	.	-
Ethylene imine	151-56-4	+	.	0.377 ^{m,P}	.	.	liv lun	lun
Ethylene oxide	75-21-8	+	21.3 ^{m,v}	63.7 ^m	hmo nrv per	nrv sto	hag lun	hag hmo lun mgl ute
Ethylene thiourea	96-45-7	+	8.13 ^{m,v}	23.5 ^m	liv(B) thy	liv(B) thy	liv pit thy	liv pit thy
Ethylene urea	120-93-4	.	.	-	.	.	-	-
Ethylenebisdithiocarbamate, di- sodium	142-59-6	.	.	-	.	.	-	-
1-Ethyleneoxy-3,4-epoxycyclo- hexane	106-87-6	+	-	.	.	-	.	.
2-Ethylhexanol	104-76-7	-	-	1680	-	-	-	liv
di(2-Ethylhexyl)adipate	103-23-1	-	-	3880 ^m	-	-	liv	liv
di(2-Ethylhexyl)phthalate	117-81-7	-	716 ^m	700 ^m	liv	liv	liv	liv
Ethylhydrazine.HCl	18413-14-4	.	.	6.56 ^m	.	.	lun vsc	lun vsc
1-Ethylnitroso-3-(2-hydroxy- ethyl)-urea ^s	96724-44-6	.	0.522 ^m	.	ski	mgl ski ute	.	.
1-Ethylnitroso-3-(2-oxopropyl)- urea ^s	110559-84-7	.	0.181 ^{m,P}	.	lgi lun nrv per ski	lgi lun mgl nrv ski thy ute	.	.
Ethylnitrosocyanamide	38434-77-4	+	3.68 ^m	.	nas	nas	.	.
Ethylphenylacetylurea	90-49-3	.	-	.	-	.	.	.

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4-Ethylsulphonylnaphthalene-1-sulfonamide	842-00-2	.	.	21.1 ^m	.	.	.	ubl
Ethynodiol diacetate	297-76-7	.	–	–	.	–	.	L
Etodolac	41340-25-4	.	–	–	–	–	–	–
Eucalyptol	470-82-6	–	.	–	.	.	–	.
Eugenol	97-53-0	–	–	–	–	–	–	–
Fadrozole.HCl	102676-31-3	.	–	.	–	–	.	.
Fenaminoisulf, formulated	140-56-7	+	–	–	–	–	–	–
Fenthion	55-38-9	–	–	–	–	–	–	–
Fenvalerate	51630-58-1	.	–	–	–	–	–	–
Ferric chloride	7705-08-0	–	–	.	–	–	.	.
Ferric citrate tetrahydrate	2338-05-8	.	.	–	.	.	–	–
Ferric dimethyldithiocarbamate	14484-64-1	.	.	–	.	.	–	–
Finasteride	98319-26-7	.	.	326	.	.	tes	.
Flecainide acetate	54143-56-5	.	–	–	–	–	–	–
Fluconazole	86386-73-4	.	80.7	–	liv	–	–	–
Fluometuron	2164-17-2	–	–	–	–	–	–	–
<i>N</i> -(2-Fluorenyl)-2,2,2-trifluoroacetamide	363-17-7	.	1.62	.	.	ezy liv mgl	.	.
Fluoride, sodium	7681-49-4	–	–	–	–	–	–	–
4'-Fluoro-4-aminodiphenyl	324-93-6	.	.	1.14 ^m	.	.	liv	liv
<i>N</i> -4-(4'-Fluorobiphenyl)acetamide	398-32-3	.	1.01	.	kid	.	.	.
2-Fluoroethyl-nitrosourea	69112-98-7	.	0.125	.	sto	.	.	.
5-Fluorouracil	51-21-8	–	–	2.96 ^m	–	–	lun	hmo lun
Fluoxetine.HCl	59333-67-4	.	–	–	–	–	–	–
Fluvastatin	93957-54-1	.	125	.	thy	–	.	.
Formaldehyde ^s	50-00-0	+	1.35 ^{m,v}	43.9	hmo nas	hmo nas	nas	–
Formic acid 2-[4-(2-furyl)-2-thiazolyl]hydrazide	31873-81-1	.	–	.	.	–	.	.
Formic acid 2-(4-methyl-2-thiazolyl)hydrazide	32852-21-4	.	14.4	.	.	mgl	.	.

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Formic acid 2-[4-(5-nitro-2-furyl)- 2-thiazolyl]hydrazide ^s	3570-75-0	+	5.06 ^m	10.8 ^m	kid liv mgl	ezy hmo kid lgi liv mgl smi	.	hmo sto
1-Formyl-3-thiosemicarbazide	2302-84-3	.	–	.	.	–	.	.
Formylhydrazine	624-84-0	.	.	36.4 ^{m,P}	.	.	lun	lun
Fosetyl Al	39148-24-8	.	3660	.	ubl	–	.	.
Fumonisin B ₁	116355-83-0	–	1.5 ^m	6.79	kid liv	–	–	liv
2-Furaldehyde semicarbazone	2411-74-7	.	–	.	.	–	.	.
Furan	110-00-9	–	0.396 ^m	2.72 ^m	hmo liv	hmo liv	adr liv	adr liv
Furfural ^s	98-01-1	+	683	197 ^m	liv	–	liv	liv
Furfuryl alcohol	98-00-0	–	9.6	263	nas	–	kid	–
Furosemide	54-31-9	–	–	732	–	–	–	mgl
Fusarenon-X	23255-69-8	–	–	.	–	.	.	.
Gallic acid	149-91-7	–	–	.	–	.	.	.
Gemcadiol	35449-36-6	.	–	.	–	–	.	.
Gemfibrozil	25812-30-0	.	247	–	liv	–	–	–
Gentian violet	548-62-9	–	.	90.5 ^m	.	.	hag liv	hag hmo liv
Geranyl acetate, food grade (71% geranyl acetate, 29% citronellyl acetate)	mixture	–	–	–	–	–	–	–
Germanate, sodium	12025-19-3	.	–	.	B–	B–	B–	B–
Gibberellic acid	77-06-5	–	.	–	.	.	–	–
Glu-P-1	67730-11-4	+	4.69 ^m	5.4 ^m	ezy lgi liv smi	cli ezy lgi liv nrv smi	liv vsc	liv vsc
Glu-P-2	67730-10-3	+	42.3 ^m	16 ^m	ezy lgi liv nrv smi	cli ezy lgi liv smi	liv vsc	liv vsc
L-Glutamic acid	56-86-0	–	.	–	.	.	–	.
N2-γ-Glutamyl- <i>p</i> -hydrazinoben- zoic acid	---	.	.	277	.	.	sub	–
β-N-[γ-(+)-Glutamyl]-4-hydroxy- methylphenylhydrazine	2757-90-6	.	.	–	.	.	–	–
Glutaraldehyde	111-30-8	+	–	–	–	–	–	–

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Glycerin, natural	56-81-5	–	–	.	B–	B–	.	.
Glycerin, synthetic	56-81-5	–	–	.	B–	B–	.	.
Glycerol α -monochlorohydrin	96-24-2	+	–	.	–	–	.	.
Glycidaldehyde	765-34-4	+	–	.	.	–	.	.
Glycidol ^s	556-52-5	+	4.28 ^m	34.7 ^m	ezy lgi mgl nrp per ski sto thy	cli hmo mgl nrp orc sto thy	hag liv lun ski sto	hag mgl ski sub ute
Glycine	56-40-6	–	25700	.	–	kid	.	.
Glycol sulfite	3741-38-6	.	.	–	.	.	.	–
Glycyrrhetic acid	471-53-4	.	–	.	–	.	.	.
Glycyrrhizinate, disodium	71277-79-7	.	.	–	.	.	–	–
FD & C green no. 1	4680-78-8	.	6060 ^m	–	hmo(B) liv	hmo(B) liv	–	–
FD & C green no. 2	5141-20-8	–	5640	–	hmo(B)	hmo(B)	–	–
FD & C green no. 3	2353-45-9	–	–	–	–	–	–	–
Griseofulvin ^s	126-07-8	–	.	13.8 ^m	.	.	liv	mgl
Guar gum	9000-30-0	–	–	–	–	–	–	–
Gum arabic	9000-01-5	–	–	–	–	–	–	–
HCDD mixture	mixture	.	0.000596	0.00143 ^m	–	liv	liv	liv
Hematoxylin	517-28-2	–	1000	.	hmo(B)	hmo(B)	.	.
Heptachlor	76-44-8	–	–	1.21 ^m	–	–	liv	liv
Heptamethyleneimine	1121-92-2	.	–	.	–	–	.	.
Heptylamine	111-68-2	.	–	.	–	.	.	.
Hexachlorobenzene ^s	118-74-1	–	3.86 ^{m,P,v}	65.1 ^m	liv	liv	liv	liv
Hexachlorobutadiene	87-68-3	–	65.8 ^m	.	kid	kid	.	.
α -1,2,3,4,5,6-Hexachlorocyclo- hexane	319-84-6	.	11.2	<6.62 ^P	liv	.	liv	.
β -1,2,3,4,5,6-Hexachlorocyclo- hexane	319-85-7	–	.	27.8 ^m	.	.	liv	liv
γ -1,2,3,4,5,6-Hexachlorocyclo- hexane	58-89-9	–	–	30.7 ^m	–	–	liv	liv lun
Hexachlorocyclohexane, technical grade	608-73-1	.	.	14.8 ^{m,P}	.	.	liv	liv

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Hexachlorocyclopentadiene	77-47-4	-	-	-	-	-	-	-
Hexachloroethane	67-72-1	-	55.4	338 ^m	kid	-	liv	liv
Hexachlorophene	70-30-4	-	-	-	-	-	-	-
2,4-Hexadienal (89% trans, trans-, 11% cis,trans-)	142-83-6	+	62.2 ^m	176 ^m	sto	sto	sto	sto
3-(Hexahydro-4,7- methanoindan-5-yl)-1,1- dimethylurea	2163-79-3	.	.	-	.	.	-	-
Hexamethylenetetramine	100-97-0	+	-	-	-	-	-	-
Hexamethylmelamine	531-18-0	.	10.2	.	.	kid mgl	.	.
Hexamethylphosphoramide	680-31-9	-	0.0344 ^m	.	nas(B)	nas(B)	.	.
Hexanal methylformylhydrazone	57590-22-4	.	.	2.33 ^m	.	.	liv lun pre	liv lun
Hexanamide	628-02-4	-	-	1950	-	-	hmo	-
Hexane, commercial grade (52% <i>n</i> -hexane, 16% 3-methylcyclo- pentane, 16% methylcyclo- pentane)	110-54-3	-	-	30300	-	-	-	liv
1- <i>O</i> -Hexyl-2,3,5- trimethylhydroquinone	148081-72-5	.	-	.	.	-	.	.
<i>N</i> -Hexylnitrosourea	18774-85-1	+	0.513 ^{m,P}	.	lgi lun sto	lun mgl sto ute	.	.
4-Hexylresorcinol	136-77-6	-	-	-	-	-	-	-
<i>L</i> -Histidine.HCl	645-35-2	.	-	.	-	-	.	.
Humic acids, commercial grade	1415-93-6	.	.	-	.	.	-	-
Hydrazine ^s	302-01-2	+	0.613 ^{m,v}	2.93 ^m	liv lun nas	liv lun nas	lun	lun
Hydrazine sulfate ^s	10034-93-2	+	40.8 ^m	7.59 ^{m,v}	liv lun	lun	liv lun	liv lun
2-Hydrazino-4-(<i>p</i> -aminophenyl) thiazole	26049-71-8	.	1.03	11.3	.	hmo mgl	.	hmo
2-Hydrazino-4-(5-nitro-2-furyl) thiazole	26049-68-3	.	3.19 ^m	16.4	.	kid mgl	.	sto
2-Hydrazino-4-(<i>p</i> -nitrophenyl) thiazole	26049-70-7	.	3.21 ^m	10.6	.	mgl	.	hmo

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2-Hydrazino-4-phenylthiazole	34176-52-8	.	–	.	.	–	.	.
<i>p</i> -Hydrazinobenzoic acid	619-67-0	.	.	–	.	.	.	–
<i>p</i> -Hydrazinobenzoic acid.HCl	24589-77-3	.	.	561 ^m	.	.	vsc	vsc
Hydrazobenzene	122-66-7	+	5.59 ^m	26	ezy liv	liv mgl	–	liv
Hydrochloric acid	7647-01-0	.	–	.	–	.	.	.
Hydrochlorofluorocarbon 123	306-83-2	.	2370 ^{m,v}	.	liv pan tes	liv	.	.
Hydrochlorothiazide	58-93-5	–	–	–	–	–	–	–
Hydrocortisone	50-23-7	.	–	.	–	–	.	.
Hydrogen peroxide	7722-84-1	+	.	7540	.	.	–	smi
Hydroquinone	123-31-9	–	82.8 ^m	225 ^{m,v}	kid	hmo	kid liv	liv
Hydroquinone monobenzyl ether	103-16-2	.	.	–	.	.	–	–
3-Hydroxy-4-acetylaminobi-phenyl	4463-22-3	.	–	.	.	–	.	.
<i>N</i> -Hydroxy-2-acetyl-amino-fluorene ^s	53-95-2	+	0.988 ^m	6.23	liv	liv	.	eso kid liv sto ubl
3-Hydroxy-4-aminobiphenyl	4363-03-5	.	–	.	.	–	.	.
3-Hydroxy- <i>p</i> -butyrophenetidine	1083-57-4	.	.	5530	.	.	kid	–
1-Hydroxyanthraquinone	129-43-1	.	93.5 ^m	.	lgi liv sto	.	.	.
1'-Hydroxyestragole	51410-44-7	–	.	57.8	.	.	.	liv
1-(2-Hydroxyethyl)-3-[(5-nitrofur-furylidene)amino]-2-imidazoli-dinone	5036-03-3	+	16.7	.	.	mgl	.	.
1-(2-Hydroxyethyl)-nitroso-3-ethylurea	96724-45-7	.	0.562 ^m	.	ski	mgl	.	.
1-(2-Hydroxyethyl)-1-nitroso-urea	13743-07-2	+	0.244 ^{m,v}	0.818 ^m	bon hmo kid lgi lun mgl sto	hmo mgl	hmo	hmo
4-(2-Hydroxyethylamino)-2-(5-nitro-2-thienyl)quinazoline	33389-36-5	+	1.87	.	.	tba	.	.
2-Hydroxyethylhydrazine ^s	109-84-2	+	.	0.397 ^m	.	.	liv	–
1-(3-Hydroxypropyl)-1-nitroso-	71752-70-0	.	0.978 ^m	.	sto	sto	.	.

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urea								
8-Hydroxyquinoline	148-24-3	+	-	-	-	-	-	-
1'-Hydroxysafrole	5208-87-7	-	18.4 ^m	71.2 ^m	liv sto	.	vsc	liv
Ibuprofen	15687-27-1	.	-	.	-	.	.	.
ICRF-159	21416-87-5	.	10.7 ⁱ	23.7 ⁱ	-	ute	-	hmo
3-((Imino((2,2,2-trifluoroethyl) amino)methyl)amino)1 <i>H</i> -pyra- zole-1-pentamide	84545-30-2	.	1170 ^m	565 ^m	sto	sto	sto	sto
3,3'-Iminobis-1-propanol dimeth- anesulfonate(ester).HCl	3458-22-8	.	-	-	-	-	-	-
Iminodiacetic acid, monosodium	32607-00-4	.	-	.	-	-	.	.
Indole	120-72-9	.	.	-	.	.	.	-
Indole-3-acetic acid	87-51-4	-	.	-	.	.	-	-
Indolidan	100643-96-7	.	2.01 ^m	.	adr	adr	.	.
Indomethacin	53-86-1	-	1.15	.	-	mgl	.	.
Iodinated glycerol	5634-39-9	+	101	138	hmo thy	-	-	hag pit
Iodoacetamide	144-48-9	.	-	.	-	.	.	.
Iodoform	75-47-8	+	-	-	-	-	-	-
Ipazilide fumarate	115436-74-3	.	-	.	-	-	.	.
IQ ^s	76180-96-6	+	0.812 ^{m,v}	19.6 ^m	ezy lgi liv orc ski smi	cli ezy lgi liv mgl orc pre ski smi	liv lun sto	liv lun sto
IQ.HCl	---	+	3.29	.	.	ezy liv mgl pan ubl vsc	.	.
Irsogladine maleate	84504-69-8	.	-	.	-	.	.	.
Isatidine	15503-86-3	.	0.716 ^m	.	liv	liv	.	.
Isobutene	115-11-7	-	3550	-	thy	-	-	-
Isobutyl <i>p</i> -hydroxybenzoate	4247-02-3	.	.	-	.	.	-	-
Isobutyl nitrite	542-56-3	+	54.1 ^m	310 ^m	lun	lun	lun	lun
<i>N</i> -Isobutyl- <i>N</i> -nitro- <i>N</i> -nitroso- guanidine	5461-85-8	+	-	.	-	.	.	.
Isobutyraldehyde	78-84-2	-	-	-	-	-	-	-

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			Rat	Mouse	Male	Female	Male	Female
Isoflurane	26675-46-7	–	.	–	.	.	–	–
Isomalt	64519-82-0	.	.	–	.	.	–	–
Isomazole	86315-52-8	.	70.5 ^m	.	adr	adr	.	.
Isoniazid ^s	54-85-3	+	150 ^m	27.1 ^{m,v}	liv lun	mgl	liv lun mgl(B)	liv lun mgl(B)
Isonicotinamide	1453-82-3	.	.	–	.	.	–	–
Isonicotinic acid ^s	55-22-1	.	.	–	.	.	–	–
Isonicotinic acid vanillylidene- hydrazide	149-17-7	.	.	27.4	.	.	lun(B) mgl(B)	lun(B) mgl(B)
Isophorone	78-59-1	–	1210	–	kid pre	–	–	–
Isophosphamide	3778-73-2	+	0.739 ⁱ	5.06 ⁱ	–	ute	–	hmo
Isoprene	78-79-5	–	313 ^m	274 ^m	kid mgl tes	mgl	hag hmo liv lun sto vsc	hag pit vsc
Isopropanol	67-63-0	–	–	–	–	–	–	–
<i>p</i> -Isopropoxydiphenylamine	101-73-5	–	.	–	.	.	–	–
Isopropyl- <i>N</i> -(3-chlorophenyl)car- bamate ^s	101-21-3	.	–	–	–	–	–	–
1-Isopropyl-3-methyl- <i>S</i> -pyrazo- lyldimethyl carbamate	119-38-0	.	.	–	.	.	–	–
Isopropyl- <i>N</i> -phenyl carbamate ^s	122-42-9	.	.	–	.	.	–	–
Isosafrole	120-58-1	–	.	–	.	.	–	–
Ivermectin	70288-86-7	.	–	.	–	.	.	.
Josamycin	16846-24-5	.	–	.	–	–	.	.
Kaempferol	520-18-3	+	–	.	–	–	.	.
Kanechlor 400	12737-87-0	.	–	.	.	–	.	.
Kepone	143-50-0	–	2.96	0.982 ^m	–	liv	liv	liv
Ketoprofen	22071-15-4	.	–	.	–	.	.	.
Kojic acid	501-30-4	+	.	658 ^m	.	.	thy	thy
Lasiocarpine	303-34-4	+	0.389 ^m	.	liv ski smi vsc	hmo liv vsc	.	.
Lead acetate	301-04-2	–	46.6 ^m	–	kid	–	–	–

Chemical name	CAS	Salmo- nella	Harmonic mean of TD ₅₀ (mg/kg/day)		Rat positivity and target sites		Mouse positivity and target sites	
			Rat	Mouse	Male	Female	Male	Female
Lead acetate, basic ^s	1335-32-6	.	181 ^m	472 ^m	kid	kid	kid	kid
Lead dimethyldithiocarbamate	19010-66-3	+	–	–	–	–	–	–
Leupeptin	24365-47-7	.	.	55.8	.	.	liv	–
Levobunolol.HCl	27912-14-7	.	–	–	–	–	–	–
α-Limonene	5989-27-5	–	204	–	kid	–	–	–
Lithocholic acid	434-13-9	–	–	–	–	–	–	–
Locust bean gum	9000-40-2	–	–	–	–	–	–	–
Lofexidine.HCl	21498-08-8	.	–	.	–	–	.	.
Lonidamine	50264-69-2	.	–	.	–	–	.	.
Lornoxicam	70374-39-9	.	–	.	–	–	.	.
Lovastatin	75330-75-5	.	–	515 ^m	–	–	liv	liv lun sto
Loxidine	76956-02-0	.	479 ^m	.	sto	sto	.	.
Lupitidine.3HCl	72716-75-7	.	3360 ^m	–	sto	sto	–	–
Luteoskyrin	21884-44-6	–	.	18.6 ^m	.	.	liv	liv
Lutestral	8065-91-6	.	.	–	.	.	–	L
Magnesium chloride hexa- hydrate	7791-18-6	.	.	–	.	.	–	–
Malaoxon	1634-78-2	–	–	–	–	–	–	–
Malathion	121-75-5	–	–	–	–	–	–	–
Maleic hydrazide	123-33-1	–	–	–	–	–	–	–
Malonaldehyde, sodium salt	24382-04-5	–	122 ^m	14.1	pan thy	thy	–	liv
Manganese ethylenebisthiocar- bamate	12427-38-2	.	157	–	tba(B)	tba(B)	–	–
Manganese (II) sulfate mono- hydrate	10034-96-5	–	–	–	–	–	–	–
Manidipine.2HCl	89226-75-5	.	–	–	–	–	–	–
α-Mannitol	69-65-8	–	–	–	–	–	–	–
Mannitol nitrogen mustard	576-68-1	.	–	.	–	.	.	.
MeA-α-C acetate	117831-29-5	+	6.7	22.2 ^m	liv orc pan sub ubl	.	liv vsc	liv vsc
MelQ	77094-11-2	+	.	15.5 ^m	.	.	sto	lgi liv sto

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MelQx	77500-04-0	+	1.66 ^m	24.3 ^m	ezy liv ski	cli ezy liv	hmo liv	liv lun
Melamine	108-78-1	-	735	-	ubl	-	-	-
Meloxicam	71125-38-7	.	-	.	-	-	.	.
Melphalan ^s	148-82-3	+	0.0938 ^{i,m}	0.15 ^{i,m}	per	per	hmo lun	liv lun
d/-Menthol	15356-70-4	-	-	-	-	-	-	-
MER-25	67-98-1	.	-	.	.	-	.	.
2-Mercaptobenzothiazole	149-30-4	-	344 ^m	-	adr hmo pan pre	adr pit	-	-
2-Mercaptobenzothiazole, zinc	155-04-4	.	.	-	.	.	-	-
2-Mercaptoethanesulfonate, sodium	19767-45-4	.	-	.	-	.	.	.
6-Mercaptopurine	50-44-2	+	-	.	-	-	.	.
Mercuric chloride	7487-94-7	-	3.12	-	sto	-	-	-
Mercurous chloride	7546-30-7	.	.	-	.	.	-	.
Mercurymethyl chloride	115-09-3	-	-	1.45 ^m	-	-	kid	-
Mestranol	72-33-3	-	.	-	.	.	-	-
Metepa	57-39-6	.	4.46	.	hmo	.	.	.
Methacrylonitrile	126-98-7	-	-	-	-	-	-	-
Methafurylene	531-06-6	.	-	.	-	-	.	.
Methaphenilene	493-78-7	.	-	.	-	-	.	.
Methapyrilene.HCl ^s	135-23-9	-	9.13 ^m	.	liv	liv	.	.
Methidathion	950-37-8	.	.	6.04	.	.	liv	-
Methimazole	60-56-0	-	1.14 ^m	.	thy	thy	.	.
d/-Methionine	59-51-8	-	-	-	-	.	-	.
Methotrexate ^s	59-05-2	-	-	-	-	-	-	-
2-Methoxy-4-aminoazobenzene	80830-39-3	.	.	-	.	.	-	-
3-Methoxy-4-aminoazobenzene	3544-23-8	+	.	60.2	.	.	-	liv
2-Methoxy-3-aminodibenzofuran	5834-17-3	.	29 ^{m,P}	.	ezy kid ubl	ezy mgl ubl	.	.
3-Methoxycatechol	934-00-9	.	48.7	.	sto	.	.	.
Methoxychlor	72-43-5	-	-	-	-	-	-	-
4-Methoxyphenol	150-76-5	-	658 ^m	.	sto	sto	.	.

Chemical name	CAS	Salmo- nella	Harmonic mean of TD ₅₀ (mg/kg/day)		Rat positivity and target sites		Mouse positivity and target sites	
			Rat	Mouse	Male	Female	Male	Female
Methoxyphenylacetic acid	1701-77-5	.	.	–	.	.	–	–
8-Methoxypsoralen	298-81-7	+	32.4	–	ezy kid	–	–	–
Z-Methyl- <i>O,N,N</i> -azoxyethane	57497-34-4	.	11.5	.	kid liv	.	.	.
Methyl bromide	74-83-9	+	–	–	–	–	–	–
Methyl <i>tert</i> -butyl ether	1634-04-4	–	702 ^m	6550	kid tes	hmo	–	liv
Methyl carbamate	598-55-0	–	56.6 ^{m,v}	–	liv	liv	–	–
Methyl carbazate	6294-89-9	.	–	.	–	–	.	.
2-Methyl-4-chlorophenoxyacetic acid	94-74-6	.	–	–	–	–	–	–
Methyl clofenapate	21340-68-1	.	4.78 ^{m,P}	2.51 ^{m,v}	liv pan tes	liv	liv	liv
1-Methyl-1,4-dihydro-7-[2-(5-nitrofuryl)vinyl]-4-oxo-1,8-naphthyridine-3-carboxylate, potassium	29676-95-7	.	.	8.03	.	.	hmo(B) lun(B) sto(B)	hmo(B) lun(B) sto(B)
3'-Methyl-4-dimethylaminoazobenzene ^s	55-80-1	+	3.28 ^m	.	liv	.	.	.
<i>N</i> -Methyl- <i>N</i> ,4-dinitrosoaniline	99-80-9	.	1.3 ^{i,n}	.	per	.	.	.
<i>N</i> -Methyl- <i>N</i> -formylhydrazine ^s	758-17-8	.	.	1.37 ^{m,v}	.	.	gal liv lun vsc	gal liv lun vsc
Methyl hesperidin	11013-97-1	.	.	–	.	.	–	–
Methyl linoleate hydroperoxide	27323-65-5	.	–	.	–	.	.	.
Methyl linoleate, native	112-63-0	.	–	.	–	.	.	.
Methyl methacrylate ^s	80-62-6	–	–	–	–	–	–	–
Methyl methanesulfonate	66-27-3	+	.	31.8	.	.	hmo lun	.
<i>N</i> -Methyl- <i>N</i> '-nitro- <i>N</i> -nitrosoguanidine ^s	70-25-7	+	0.803 ^{m,v}	2.03	eso smi sto	smi sto	.	smi
2-Methyl-1-nitroanthraquinone	129-15-7	+	84.8 ^m	1.56 ^m	liv	liv	vsc	vsc
4-Methyl-1-[(5-nitrofurfurylidene)amino]-2-imidazolidinone	21638-36-8	+	5.34	.	.	mgl	.	.
4-(4- <i>N</i> -Methyl- <i>N</i> -nitrosamino-styryl)quinoline	16699-10-8	.	0.699 ^m	.	liv	liv	.	.

Chemical name	CAS	Salmo- nella	Harmonic mean of TD ₅₀ (mg/kg/day)		Rat positivity and target sites		Mouse positivity and target sites	
			Rat	Mouse	Male	Female	Male	Female
<i>N</i> -Methyl- <i>N</i> -nitrosobenzamide	63412-06-6	+	3.23 ^m	.	sto	tba	.	.
<i>N</i> -(<i>N</i> -Methyl- <i>N</i> -nitrosocarba- moyl)- <i>L</i> -ornithine	63642-17-1	.	0.787 ^{i,m}	.	ezy kid pan ski	kid mgl pan ski	.	.
<i>R</i> (-)-2-Methyl- <i>N</i> -nitrosopiperi- dine	14026-03-0	.	20.4	.	nrv(B)	nrv(B)	.	.
<i>S</i> (+)-2-Methyl- <i>N</i> -nitrosopiperi- dine	36702-44-0	.	13.2	.	nrv(B)	nrv(B)	.	.
Methyl 12-oxo-trans-10-octa- decenoate	21308-79-2	.	.	.	.	.	B-	B-
Methyl parathion	298-00-0	+	-	-	-	-	-	-
<i>N</i> -Methyl-2-pyrrolidone	872-50-4	-	-	2050 ^m	-	-	liv	liv
(<i>N</i> -6)-Methyladenine	443-72-1	.	.	-	.	.	-	-
(<i>N</i> -6)-Methyladenosine	1867-73-8	.	.	-	.	.	-	-
α-Methylbenzyl alcohol	98-85-1	-	458	-	kid	-	-	-
3-Methylbutanal methylformyl- hydrazone	57590-21-3	.	.	2.23 ^m	.	.	gal liv lun pre	gal liv lun
4-Methylcatechol	452-86-8	-	248 ^{m,P}	.	sto	sto	.	.
3-Methylcholanthrene ^s	56-49-5	+	0.491 ^{m,P}	.	-	mgl	.	.
α-Methyldopa sesquihydrate	41372-08-1	-	-	-	-	-	-	-
<i>N</i> -Methyldopamine, <i>O</i> , <i>O</i> '- diisobutyroyl ester.HCl	75011-65-3	.	-	.	-	-	.	.
4,4'-Methylene-bis(2-chloro- aniline) ^s	101-14-4	+	19.3 ^m	.	ezy liv lun mgl vsc	liv lun mgl	.	.
4,4'-Methylene-bis(2-chloro- aniline).2HCl	64049-29-2	+	-	66.6	-	.	-	liv
4,4'-Methylene-bis(2-methyl- aniline)	838-88-0	+	7.38 ^m	.	liv mgl sub	liv	.	.
Methylene chloride	75-09-2	+	724 ^m	1100 ^m	mgl	mgl	liv lun	liv lun
4,4'-Methylenebis(<i>N,N</i> -dimethyl) benzenamine	101-61-1	+	16.4 ^m	207	thy	thy	-	liv
2,2'-Methylenebis(4-methyl-6- <i>tert</i> -butylphenol)	119-47-1	.	-	.	-	-	.	.

Chemical name	CAS	Salmo- nella	Harmonic mean of TD ₅₀ (mg/kg/day)		Rat positivity and target sites		Mouse positivity and target sites	
			Rat	Mouse	Male	Female	Male	Female
4,4'-Methylenedianiline.2HCl	13552-44-8	+	20 ^m	32.4 ^m	liv thy	thy	adr liv thy	hmo liv thy
Methylethylketoxime	96-29-7	.	74.5	534	liv	–	liv	–
Methyleugenol	93-15-2	–	19.7 ^m	19.3 ^m	kid liv mgl per sto sub	liv sto	liv sto	liv
Methylguanidine	471-29-4	.	–	.	–	.	.	.
7-Methylguanine	578-76-7	.	–	.	B–	B–	.	.
Methylhydrazine ^s	60-34-4	+	.	7.55 ^m	.	.	liv	liv lun
Methylhydrazine sulfate	302-15-8	.	.	2.72 ^m	.	.	lun	lun
Methylhydroquinone	95-71-6	.	–	.	–	.	.	.
2-Methylimidazole	693-98-1	–	868 ^m	782 ^m	thy	thy	liv thy	liv
1-Methylnaphthalene	90-12-0	–	.	–	.	.	–	–
2-Methylnaphthalene	91-57-6	.	.	–	.	.	–	–
Methylnitramine	598-57-2	.	17.4 ^m	.	nrv	nrv	.	.
4-(Methylnitrosamino)-1-(3-pyri- dyl)-1-butanol	76014-81-8	.	0.103	.	lun pan	.	.	.
4-(Methylnitrosamino)-1-(3-pyri- dyl)-1-(butanone) ^s	64091-91-4	.	0.0999 ^m	.	liv lun pan	.	.	.
(N-6)-(Methylnitroso)adenine	---	.	.	18	.	.	lun	–
(N-6)-(Methylnitroso)adenosine	21928-82-5	.	.	18.3 ^m	.	.	lun	lun mgl ute
Methylnitrosocyanamide	33868-17-6	+	0.48	.	.	sto	.	.
N-Methylolacrylamide	924-42-5	–	–	26.6 ^m	–	–	hag liv lun	hag liv lun ova
Methylphenidate.HCl	298-59-9	–	–	100 ^m	–	–	liv	liv
6-Methylquinoline	91-62-3	+	–	.	–	–	.	.
8-Methylquinoline	611-32-5	+	–	.	–	–	.	.
p-Methylstyrene	622-97-9	.	.	–	.	.	–	–
Methylthiouracil ^s	56-04-2	–	.	.	.	.	B–	B–
Metiapine	5800-19-1	.	–	.	–	–	.	.
Metiram, technical grade (with 2% added ethylenethiourea)	9006-42-2	.	–	–	–	–	–	–
Metronidazole	443-48-1	+	542 ^m	506 ^m	pit tes	liv mgl	lun	hmo lun
Mexacarbate	315-18-4	.	–	–	–	–	–	–

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Michler's ketone	90-94-8	+	5.64 ^m	84.1 ^m	liv	liv	vsc	liv
Mirex	2385-85-5	-	1.77 ^m	1.45 ^m	adr kid liv	hmo liv	liv	liv
Mirex, photo-	39801-14-4	.	1.46	.	thy	.	.	.
Misoprostol	59122-46-2	.	-	-	-	-	-	-
Mitomycin-C	50-07-7	+	0.00102 ^{i,m}	.	per	per	.	.
Molybdenum trioxide	1313-27-5	-	-	6.13 ^{m,v}	-	-	lun	lun
Monoacetyl hydrazine	1068-57-1	.	.	9.85 ^m	.	.	lun	lun
Monochloroacetic acid	79-11-8	-	-	-	-	-	-	-
Monocrotaline	315-22-0	-	0.94 ^m	.	liv	.	.	.
Monomethylarsonic acid	124-58-3	.	-	-	-	-	-	-
Mononitrosocaffeidine	145438-96-6	.	1	.	nas(B)	nas(B)	.	.
Monosodium aspartate	3792-50-5	.	-	.	-	-	.	.
<i>d</i> -Monosodium glutamate	32221-81-1	.	.	-	.	.	-	.
<i>l</i> -Monosodium glutamate	142-47-2	-	-	-	-	-	-	.
Monosodium succinate	2922-54-5	.	-	.	-	-	.	.
4-Morpholino-2-(5-nitro-2-thi- enyl)quinazoline	58139-48-3	+	5.03	.	.	tba	.	.
<i>l</i> -5-Morpholinomethyl-3-[(5-nitro- furfurylidene)amino]-2-oxazo- lidinone.HCl	3031-51-4	.	6.33	.	.	hmo kid mgl	.	.
Myleran	55-98-1	+	-	.	-	.	.	.
Nafenopin ^s	3771-19-5	-	11 ^{m,v}	.	liv pan	liv	.	.
Nalidixic acid	389-08-2	-	201 ^m	-	pre	cli	-	-
Naphthalene	91-20-3	-	22.1 ^m	163	nas	nas	-	lun
1-Naphthalene acetamide	86-86-2	+	.	-	.	.	-	-
1-Naphthalene acetic acid	86-87-3	-	.	-	.	.	-	-
1,5-Naphthalenediamine	2243-62-1	+	69.6	162 ^m	-	cli ute	thy	liv lun thy
<i>N</i> -(1-Naphthyl)ethylenedi- amine.2HCl	1465-25-4	+	-	-	-	-	-	-
<i>sym</i> -diβ-Naphthyl- <i>p</i> -phenylene- diamine	93-46-9	+	.	-	.	.	-	-

Chemical name	CAS	Salmo- nella	Harmonic mean of TD ₅₀ (mg/kg/day)		Rat positivity and target sites		Mouse positivity and target sites	
			Rat	Mouse	Male	Female	Male	Female
1-(1-Naphthyl)-2-thiourea	86-88-4	+	.	–	.	.	–	–
1-Naphthylamine	134-32-7	+	.	67.3	.	.	liv	.
2-Naphthylamine ^s	91-59-8	+	61.6	39.4 ^m	B–	ubl	liv	liv
2-Naphthylamino,1-sulfonic acid	81-16-3	.	.	–	.	.	–	–
Nefiracetam	77191-36-7	.	–	–	–	–	–	–
Neosugar	88385-81-3	.	–	.	–	–	.	.
Nickel	7440-02-0	.	–	.	–	–	.	.
Nickel (II) acetate	373-02-4	.	.	–	.	.	–	–
Nickel dibutyldithiocarbamate	13927-77-0	.	.	–	.	.	–	–
Nickel (II) sulfate hexahydrate	10101-97-0	–	–	–	–	–	–	–
Nicotinamide	98-92-0	.	.	–	.	.	–	–
Nicotine	54-11-5	–	–	.	–	–	.	.
Nicotine.HCl	2820-51-1	–	.	–	.	.	–	–
Nicotinic acid	59-67-6	–	.	–	.	.	–	–
Nicotinic acid hydrazide	553-53-7	.	.	228 ^m	.	.	lun	lun
Nigrosine	8005-03-6	.	–	.	–	–	.	.
Niobate, sodium	12034-09-2	.	.	.	.	.	B–	B–
Nithiazide	139-94-6	+	131	758	–	mgl	liv	–
Nitrate, sodium	7631-99-4	.	–	.	–	–	.	.
Nitric oxide	10102-43-9	.	.	–	.	.	.	–
Nitrilotriacetic acid	139-13-9	–	1770 ^m	2660 ^m	kid	kid ubl	kid	kid
Nitrilotriacetic acid, trisodium salt, monohydrate	18662-53-8	–	370 ^m	–	kid	kid ubl	–	–
Nitrite, sodium ^s	7632-00-0	+	167 ^m	–	hmo(B) liv	hmo(B) liv	–	–
3-Nitro- <i>p</i> -acetophenetide	1777-84-0	+	–	2270	–	–	liv	–
5-Nitro- <i>o</i> -anisidine	99-59-2	+	53.9 ^m	3720	ezy ski	cli ski	–	liv
5-Nitro-2-furaldehyde semicarbazone	59-87-0	+	6.98 ^{m,P}	30.8	–	mgl	–	ova
5-Nitro-2-furamidoxime	772-43-0	+	–	.	.	–	.	.
5-Nitro-2-furanmethanediol diacetate	92-55-7	+	–	.	.	–	.	.
3-(5-Nitro-2-furyl)-imidazo(1,2-	75198-31-1	.	13.6 ^m	27 ^m	eso kid sto	eso kid mgl	eso sto	eso sto

Chemical name	CAS	Salmo- nella	Harmonic mean of TD ₅₀ (mg/kg/day)		Rat positivity and target sites		Mouse positivity and target sites	
			Rat	Mouse	Male	Female	Male	Female
α)pyridine						sto		
5-(5-Nitro-2-furyl)-1,3,4-oxadiazole-2-ol	2122-86-3	.	8.61	.	.	tba	.	.
<i>N</i> -{[3-(5-Nitro-2-furyl)-1,2,4-oxadiazole-5-yl]-methyl}acetamide	36133-88-7	+	59.6 ⁿ	.	.	kid lun	.	.
<i>N</i> -[5-(5-Nitro-2-furyl)-1,3,4-thiadiazol-2-yl]acetamide	2578-75-8	+	8.84	6.74	.	hmo kid lun smi sto vsc	.	sto
4-(5-Nitro-2-furyl)thiazole	53757-28-1	+	7.68	.	.	mgl sto	.	.
<i>N</i> -[4-(5-Nitro-2-furyl)-2-thiazolyl]acetamide ^s	531-82-8	+	17.8 ^m	.	.	mgl	.	.
<i>N</i> -[4-(5-Nitro-2-furyl)-2-thiazolyl]formamide ^s	24554-26-5	+	4.25 ^{m,P,v}	19.7 ^{m,v}	ubl	ubl	ubl	hmo lun sto ubl
<i>N,N</i> -[6-(5-Nitro-2-furyl)- <i>S</i> -triazine-2,4-diyl]bisacetamide	51325-35-0	+	14.1	.	.	mgl	.	.
3-Nitro-3-hexene	4812-22-0	.	8.66	0.346	lun(B)	lun(B)	lun(B)	lun(B)
3-Nitro-4-hydroxyphenylarsonic acid	121-19-7	-	-	-	-	-	-	-
2-Nitro- <i>p</i> -phenylenediamine	5307-14-2	+	-	614	-	-	-	liv
4-Nitro- <i>o</i> -phenylenediamine	99-56-9	+	-	-	-	-	-	-
5-Nitro- <i>o</i> -toluidine	99-55-8	+	-	277 ^m	-	-	liv vsc	liv vsc
5-Nitroacenaphthene ^s	602-87-9	+	8.67 ^m	45.8	ezy lun	cli ezy lun mgl	-	liv ova
<i>p</i> -Nitroaniline	100-01-6	+	-	-	-	-	-	-
<i>o</i> -Nitroanisole	91-23-6	+	15.6 ^{m,v}	178 ^m	hmo kid lgi ubl	hmo kid lgi ubl	liv	liv
4-Nitroanthranilic acid	619-17-0	+	-	-	-	-	-	-
Nitrobenzene	98-95-3	-	25.5 ^m	296 ^m	kid liv thy	liv ute	lun thy	liv mgl
6-Nitrobenzimidazole	94-52-0	+	-	372 ^m	-	-	liv	liv
<i>p</i> -Nitrobenzoic acid	62-23-7	+	287	-	-	cli	-	-
1-Nitrobutane	627-05-4	-	-	.	-	.	.	.
2-Nitrobutane	600-24-8	.	2.86	.	liv	.	.	.

Chemical name	CAS	Salmo- nella	Harmonic mean of TD ₅₀ (mg/kg/day)		Rat positivity and target sites		Mouse positivity and target sites	
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Nitroethane	79-24-3	-	-	.	-	-	.	.
Nitrofen	1836-75-5	+	420	115 ^m	-	pan	liv vsc	liv
2-Nitrofluorene	607-57-8	+	0.285	.	kid liv sto	.	.	.
1-[(5-Nitrofurfurylidene)amino] hydantoin	67-20-9	+	163	1400	kid	-	-	ova
1-[(5-Nitrofurfurylidene)amino]- 2-imidazolidinone	555-84-0	.	5.26	.	.	hmo mgl	.	.
Nitrogen dioxide	10102-44-0	.	-	.	-	.	.	.
Nitrogen mustard	51-75-2	+	0.0114 ⁱ	.	tba	.	.	.
Nitrogen mustard <i>N</i> -oxide	126-85-2	.	0.764 ⁱ	.	tba	.	.	.
Nitromethane	75-52-5	-	40.4	469 ^m	-	mgl	hag lun	hag liv lun
1-Nitronaphthalene	86-57-7	+	-	-	-	-	-	-
3-Nitropentane	551-88-2	.	2.37	.	liv	.	.	.
1-Nitropropane	108-03-2	-	-	.	-	-	.	.
2-Nitropropane	79-46-9	+	-	.	-	-	.	.
3-Nitropropionic acid	504-88-1	+	-	-	-	-	-	-
1-Nitropyrene	5522-43-0	.	3.33	.	.	cli hmo mgl	.	.
6-Nitroquinoline	613-50-3	+	-	.	-	-	.	.
8-Nitroquinoline	607-35-2	+	9.82 ^m	.	sto	sto	.	.
Nitroso-Baygon	38777-13-8	+	0.364	.	sto	.	.	.
<i>N</i> -Nitroso-bis-(4,4,4-trifluoro- <i>N</i> - butyl)amine	83335-32-4	.	0.748 ^m	.	liv lun	liv lun	.	.
1-Nitroso-5,6-dihydrothymine	62641-67-2	+	-	.	-	-	.	.
1-Nitroso-5,6-dihydrouracil	16813-36-8	+	0.0983 ^m	.	liv	liv	.	.
<i>N</i> -Nitroso-2,3-dihydroxypropyl- 2-hydroxypropylamine ^s	89911-79-5	.	0.0535	.	.	eso orc sto	.	.
Nitroso-2,3-dihydroxypropyl-2- oxopropylamine ^s	92177-50-9	.	0.0352	.	.	eso orc sto	.	.
<i>N</i> -Nitroso-2,3-dihydroxypropyl- ethanolamine ^s	89911-78-4	.	5.98	.	.	liv	.	.
1-Nitroso-3,5-dimethyl-4-ben- zoylpiperazine	61034-40-0	-	9.66	.	.	sto	.	.

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1-Nitroso-1-hydroxyethyl-3-chloroethylurea	96806-34-7	.	0.356 ^m	.	kid liv	kid liv	.	.
<i>N</i> -Nitroso-2-hydroxymorpholine	67587-52-4	.	–	.	.	–	.	.
1-Nitroso-1-(2-hydroxypropyl)-3-chloroethylurea	96806-35-8	.	0.873 ^m	.	liv	liv	.	.
<i>N</i> -Nitroso-(2-hydroxypropyl)-(2-hydroxyethyl)amine	75896-33-2	.	1.02	.	.	eso liv vsc	.	.
<i>N</i> -Nitroso-3-hydroxypyrrolidine	56222-35-6	+	7.65	.	tba(B)	tba(B)	.	.
<i>N</i> -Nitroso- <i>N</i> -isobutylurea	760-60-1	.	4.73	.	.	smi	.	.
<i>N</i> -Nitroso- <i>N</i> -methyl- <i>N</i> -dodecylamine	55090-44-3	+	0.537 ^{m,P}	.	liv lun sto ubl	ubl	.	.
<i>N</i> -Nitroso- <i>N</i> -methyl-4-fluoroaniline	937-25-7	.	0.255	.	eso	.	.	.
<i>N</i> -Nitroso- <i>N</i> -methyl-4-nitroaniline	943-41-9	.	–	.	–	.	.	.
Nitroso- <i>N</i> -methyl- <i>N</i> -(2-phenyl)ethylamine	13256-11-6	+	0.00998 ^m	.	eso orc sto	.	.	.
<i>N</i> -Nitroso- <i>N</i> -methyl- <i>N</i> -tetradecylamine	75881-20-8	.	1.65 ^P	.	lun ubl	.	.	.
<i>N</i> -Nitroso- <i>N</i> -methyldecylamine	75881-22-0	.	1.26	.	liv lun nas sto ubl	.	.	.
<i>N</i> -Nitroso- <i>N</i> -methylurea ^s	684-93-5	+	0.0927	1.23	lun nrv sto	.	sto vsc	.
3-Nitroso-2-oxazolidinone	38347-74-9	.	0.385 ^{m,P}	.	liv smi	.	.	.
Nitroso-2-oxopropylethanolamine ^s	92177-49-6	.	1.8	.	.	liv	.	.
di(<i>N</i> -Nitroso)-perhydropyrimidine	15973-99-6	.	0.166 ⁱ	.	nas	.	.	.
Nitroso-1,2,3,6-tetrahydropyridine	55556-92-8	+	0.0601 ^{m,P}	.	.	eso liv sto vsc	.	.
<i>N</i> -Nitroso(2,2,2-trifluoroethyl)ethylamine	82018-90-4	.	2.52	.	eso nas	.	.	.
<i>N</i> -Nitroso-2,2,4-trimethyl-1,2-dihydroquinoline polymer	29929-77-9	.	3.31 ⁱ	.	per	.	.	.

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1-Nitroso-3,4,5-trimethylpiperazine ^s	75881-18-4	.	0.151	.	.	nas	.	.
<i>N</i> -Nitrosoallyl-2,3-dihydroxypropylamine	88208-16-6	.	0.825	.	.	eso nas	.	.
<i>N</i> -Nitrosoallyl-2-hydroxypropylamine	91308-70-2	.	0.877	.	.	eso liv nas	.	.
<i>N</i> -Nitrosoallyl-2-oxopropylamine ^s	91308-71-3	.	0.335	.	.	eso liv	.	.
<i>N</i> -Nitrosoallylethanolamine	91308-69-9	.	0.491	.	.	liv nas	.	.
Nitrosoamylurethan	64005-62-5	.	1.01	.	.	eso orc	.	.
Nitrosoanabasine	1133-64-8	.	11.9 ^m	.	eso	eso	.	.
<i>N</i> -Nitrosobenzthiazuron	51542-33-7	.	1.13	.	sto(B)	sto(B)	.	.
<i>N</i> -Nitrosobis(2-hydroxypropyl)amine	53609-64-6	.	0.846 ^m	.	lun pro	eso nas	.	.
<i>N</i> -Nitrosobis(2-oxopropyl)amine	60599-38-4	.	0.491 ^m	.	lgi liv lun nas pro thy ubl	liv lun vsc	.	.
<i>N</i> -Nitrosobis(2,2,2-trifluoroethyl)amine	625-89-8	.	–	.	–	–	.	.
Nitrosochlordiazepoxide	51715-17-4	.	.	–	.	.	–	–
<i>N</i> -Nitrosocimetidine	73785-40-7	.	–	–	–	–	.	–
Nitrosodibutylamine	924-16-3	+	0.691	1.09	liv lun sto ubl	.	eso liv lun sto	.
<i>N</i> -Nitrosodiethanolamine	1116-54-7	+	3.17 ^{m,v}	.	eso hmo kid liv nas nrv vsc	eso kid liv nas	.	.
<i>N</i> -Nitrosodiethylamine ^s	55-18-5	+	0.0265 ^{m,v}	.	eso kid liv vsc	eso liv orc sto	.	.
<i>N</i> -Nitrosodimethylamine ^s	62-75-9	+	0.0959 ^{m,v}	0.189 ^m	kid liv lun tes vsc	liv vsc	liv nrv	lun nrv
<i>N</i> -Nitrosodiphenylamine	86-30-6	–	167 ^m	–	ubl	ubl	–	–
<i>p</i> -Nitrosodiphenylamine	156-10-5	+	201	340	liv	–	liv	–
<i>N</i> -Nitrosodipropylamine ^s	621-64-7	+	0.186	.	.	eso liv nas	.	.

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<i>N</i> -Nitrosodithiazine	114282-83-6	.	–	.	.	–	.	.
Nitrosododecamethyleneimine	40580-89-0	+	10.9 ^m	.	liv	liv	.	.
<i>N</i> -Nitrosoephedrine	17608-59-2	.	95.2	.	liv lun sto	.	.	.
Nitrosoethylmethylamine	10595-95-6	+	0.0503	.	liv lun nas	–	.	.
Nitrosoethylurethan	614-95-9	+	0.0904 ^m	.	.	eso orc smi sto	.	.
<i>N</i> -Nitrosoguvacoline	55557-02-3	+	–	.	–	.	.	.
Nitrosoheptamethyleneimine	20917-49-1	+	0.0378 ^m	.	eso liv orc	.	.	.
<i>N</i> -Nitrosohexamethyleneimine	932-83-2	+	.	0.528 ^m	.	.	eso liv orc sto	eso liv lun nas orc sto
1-Nitrosohydantoin	42579-28-2	+	43.8 ^m	.	orc	tba	.	.
Nitrosohydroxyproline	30310-80-6	.	–	.	–	–	.	.
Nitrosoiminodiacetic acid	25081-31-6	.	–	.	–	–	.	.
Nitrosomethyl-3-carboxypropylamine	61445-55-4	–	0.982	.	ubl	.	.	.
<i>N</i> -Nitrosomethyl-2,3-dihydroxypropylamine ^s	86451-37-8	.	0.646	.	.	eso liv lun nas	.	.
<i>N</i> -Nitrosomethyl-(2-hydroxyethyl)amine	26921-68-6	.	1.29	.	liv nas	.	.	.
<i>N</i> -Nitrosomethyl-(3-hydroxypropyl)amine	70415-59-7	.	1.66 ^m	.	liv lun	liv lun	.	.
<i>N</i> -Nitrosomethyl-2-hydroxypropylamine	75411-83-5	.	0.0463 ^m	.	eso nas	eso nas	.	.
<i>N</i> -Nitrosomethyl(2-oxopropyl)amine	55984-51-5	.	0.0172 ^m	.	eso liv nas orc	eso liv nas orc	.	.
<i>N</i> -Nitrosomethyl-(2-tosyloxyethyl)amine	---	.	4.8 ^m	.	liv vsc	liv vsc	.	.
2-Nitrosomethylaminopyridine	16219-98-0	+	0.214	.	.	eso	.	.
3-Nitrosomethylaminopyridine	69658-91-9	–	–	.	.	–	.	.
4-Nitrosomethylaminopyridine	16219-99-1	–	–	.	.	–	.	.
Nitrosomethylaniline	614-00-6	.	0.142 ^{m,P,v}	.	eso	eso	.	.
Nitrosomethylphenidate	55557-03-4	.	.	–	.	.	–	–

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Nitrosomethylundecylamine	68107-26-6	.	2.37	.	liv lun	.	.	.
<i>N</i> -Nitrosomorpholine ^s	59-89-2	+	0.109 ^m	.	.	liv vsc	.	.
<i>N</i> -Nitrosornicotine ^s	53759-22-1	.	0.0957	.	eso	.	.	.
<i>N</i> -Nitrosornicotine-1- <i>N</i> -oxide ^s	78246-24-9	.	0.876 ^m	.	eso nas	eso nas	.	.
Nitrosopipelic acid	4515-18-8	.	–	.	–	–	.	.
<i>N</i> -Nitrosopiperazine	5632-47-3	+	8.78 ^{m,n}	.	tba	tba	.	.
<i>N</i> -Nitrosopiperidine ^s	100-75-4	+	1.43 ^m	1.3	eso(B) liv(B) nas(B)	eso(B) liv(B) nas(B)	liv lun sto	.
Nitrosoproline	7519-36-0	.	–	.	–	–	.	.
<i>N</i> -Nitrosopyrrolidine ^s	930-55-2	+	0.799 ^{m,P}	0.679	kid liv	liv vsc	tba	.
<i>N</i> -Nitrosothialdine	81795-07-5	.	0.483	.	.	eso liv orc	.	.
<i>N</i> -Nitrosothiomorpholine	26541-51-5	+	5.39 ^m	.	eso	eso orc	.	.
<i>o</i> -Nitrosotoluene	611-23-4	.	50.7	.	liv spl sub ubl	.	.	.
<i>o</i> -Nitrotoluene	88-72-2	–	4.66 ^{m,v}	128 ^m	liv lun mgl per ski sub	liv mgl sub	lgi vsc	lgi liv vsc
<i>p</i> -Nitrotoluene	99-99-0	–	257	–	–	cli	–	–
Nitrous oxide	10024-97-2	.	.	–	.	.	–	–
Nivalenol	23282-20-4	.	.	–	.	.	.	–
Nonabromobiphenyl	27753-52-2	.	.	3.61 ^m	.	.	liv	liv
Norethynodrel	68-23-5	–	.	–	.	.	–	–
Norharman	244-63-3	+	–	.	–	.	.	.
Norlestrin ^s	8015-12-1	.	1.94	1.34 ⁿ	liv(B) mgl(B) pit(B) ute(B)	liv(B) mgl(B) pit(B) ute(B)	.	pit
Novadelox (18% benzoyl peroxide, 78% calcium sulphate, 4% magnesium carbonate)	94-36-0	–	–	.	B–	B–	B–	B–
Ochratoxin A	303-47-9	–	0.136 ^m	6.41 ^m	kid ubl	kid mgl	kid	liv
Octachlorostyrene	29082-74-4	.	–	–	–	–	–	.
Oil, corn	8001-30-7	–	6940	.	pan ^x	.	.	.
Oil, safflower	8001-23-8	–	4850	.	pan ^x	.	.	.

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Oleate, sodium	143-19-1	.	–	.	–	–	.	.
Olestra	121854-29-3	.	–	–	–	–	–	–
Oltipraz	64224-21-1	.	–	.	–	–	.	.
Omeprazole	73590-58-6	.	119 ^{m,v}	–	sto	sto	–	–
C.I. acid orange 3	6373-74-6	+	1710	–	–	kid	–	–
C.I. acid orange 10	1936-15-8	–	–	–	–	–	–	–
Orotic acid, monosodium salt	154-85-8	.	–	.	–	.	.	.
γ-Oryzanol	11042-64-1	.	–	–	–	–	–	–
Osutidine	140695-21-2	.	–	.	–	–	.	.
Ovulen	8056-92-6	.	.	–	.	.	–	L
Oxamyl	23135-22-0	.	–	–	–	–	–	–
Oxazepam	604-75-1	–	–	35.8 ^m	–	–	liv	liv thy
<i>N</i> -(9-Oxo-2-fluorenyl)acetamide	3096-50-2	.	6.17	.	.	ezy liv mgl	.	.
Oxolinic acid	14698-29-4	.	167	–	tes	–	–	–
1-(2-Oxopropyl)nitroso-3-(2-chloroethyl)urea ^s	110559-85-8	.	–	.	–	–	.	.
2-Oxopropylnitrosourea ^s	89837-93-4	.	–	.	–	–	.	.
1'-Oxosafrole	30418-53-2	–	–	.	–	.	.	.
Oxprenolol.HCl	6452-73-9	.	–	–	–	–	–	–
4,4'-Oxydianiline	101-80-4	+	9.51 ^m	33.6 ^m	liv thy	liv thy	hag liv	hag liv thy
<i>N</i> -Oxydiethylene thiocarbamyl- <i>N</i> -oxydiethylene sulfenamide	13752-51-7	.	90.8 ^m	.	kid ubl	kid ubl	.	.
<i>N</i> -Oxydiethylenebenzothiazole-2-sulfenamide	102-77-2	.	.	–	.	.	–	–
Oxymetholone	434-07-1	–	66.9	.	–	liv lun ski	.	.
Oxytetracycline.HCl	2058-46-0	–	–	–	–	–	–	–
Ozone	10028-15-6	+	–	1.88 ^m	–	–	–	lun
Palonidipine.HCl	96515-74-1	.	–	.	–	–	.	.
Parathion	56-38-2	–	–	–	–	–	–	–
Patulin	149-29-1	–	–	.	.	–	.	.
Penicillin VK	132-98-9	–	–	–	–	–	–	–
Pentachloroanisole	1825-21-4	+	24.8	68	adr	–	adr vsc	–

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Pentachloroethane	76-01-7	-	-	57.3 ^m	-	-	liv	liv
Pentachloronitrobenzene	82-68-8	-	-	71.1	-	-	liv	-
2,3,4,5,6-Pentachlorophenol	87-86-5	-	59	-	nas per	-	.	-
2,3,4,5,6-Pentachlorophenol (Dowicide EC-7)	87-86-5	-	-	24 ^m	-	-	adr liv	adr liv vsc
2,3,4,5,6-Pentachlorophenol, technical grade	87-86-5	-	13.1	23 ^m	-	liv	adr liv	liv vsc
Pentaerythritol tetranitrate with 80% α -lactose monohydrate	78-11-5	-	-	-	-	-	-	-
Pentanal methylformylhydra- zone	57590-20-2	.	.	3.42 ^m	.	.	liv lun pre	liv lun
<i>N</i> -Pentyl- <i>N</i> -nitro- <i>N</i> -nitroso- guanidine	13010-10-1	+	-	.	-	.	.	.
<i>n</i> -Pentylhydrazine.HCl	1119-68-2	.	.	5.87	.	.	-	lun vsc
Peppermint oil	8006-90-4	.	.	-	.	.	-	.
Perhexiline maleate	6724-53-4	.	-	.	-	-	.	.
Petasitenine	60102-37-6	.	0.922 ^m	.	liv vsc	liv vsc	.	.
Phenacetin	62-44-2	+	1250 ^m	2140 ^{m,v}	kid nas sto ubl	ezy mgl nas ubl	kid	ubl
Phenazone	60-80-0	-	1230	.	kid ubl	.	.	.
Phenazopyridine.HCl	136-40-3	-	303 ^m	71.1	lgi	lgi	-	liv
Phenesterin	3546-10-9	-	0.523	0.616 ^m	-	mgl	hmo lun myc	hmo lun myc
Phenethyl isothiocyanate ^s	2257-09-2	.	-	.	-	.	.	.
Phenformin.HCl	834-28-6	-	-	-	-	-	-	-
Phenobarbital ^s	50-06-6	+	-	7.37 ^{m,P,v}	-	-	liv	liv
Phenobarbital, sodium	57-30-7	-	86 ^m	29.7 ^{m,P,v}	liv	liv	liv	liv
Phenol	108-95-2	-	-	-	-	-	-	-
Phenolphthalein	77-09-8	-	902 ^m	1170 ^m	adr kid	adr	hmo	hmo ova
Phenothiazine	92-84-2	-	.	-	.	.	-	-
Phenoxybenzamine.HCl	63-92-3	+	1.09 ^{i,m}	5.36 ^{i,m}	per	per	per	per
1-Phenyl-3,3-dimethyltriazene	7227-91-0	+	2.31	.	nrv(B)	nrv(B)	.	.

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Phenyl isothiocyanate	103-72-0	.	.	–	.	.	–	–
1-Phenyl-3-methyl-5-pyrazolone	89-25-8	–	–	–	–	–	–	–
Phenyl-β-naphthylamine ^s	135-88-6	–	–	–	–	–	–	–
<i>N</i> -Phenyl- <i>p</i> -phenylenedia- mine.HCl	2198-59-6	–	–	–	–	–	–	–
2-Phenyl-1,3-propanediol dicar- bamate	25451-15-4	.	1090 ^m	7420 ^m	tes	liv	liv	liv
(<i>E</i>)-7-Phenyl-7-(3-pyridyl)-6-hep- tenoic acid	89667-40-3	.	–	–	–	–	–	–
1-Phenyl-2-thiourea	103-85-5	–	–	–	–	–	–	–
1-Phenylazo-2-naphthol	842-07-9	+	29.4 ^m	–	liv	liv	–	–
Phenylbutazone	50-33-9	–	1160	353	–	kid	liv	–
<i>m</i> -Phenylenediamine	108-45-2	+	.	–	.	.	–	–
<i>p</i> -Phenylenediamine	106-50-3	+	–	.	–	–	.	.
<i>m</i> -Phenylenediamine.2HCl	541-69-5	+	–	–	–	.	–	–
<i>o</i> -Phenylenediamine.2HCl	615-28-1	+	248	735 ^m	liv	.	liv	liv
<i>p</i> -Phenylenediamine.2HCl	624-18-0	+	–	–	–	–	–	–
Phenylephrine.HCl	61-76-7	–	–	–	–	–	–	–
Phenylethyl-3-methylcaffate	71835-85-3	.	–	.	–	.	.	.
Phenylethylhydrazine sulfate	156-51-4	+	.	14.6	.	.	–	lun vsc
Phenylglycidyl ether	122-60-1	+	44 ^m	.	nas	nas	.	.
6-Phenylhexyl isothiocyanate	133920-06-6	.	–	.	–	.	.	.
Phenylhydrazine	100-63-0	+	.	–	.	.	.	–
Phenylhydrazine.HCl	59-88-1	+	.	71.3 ^m	.	.	vsc	vsc
β-Phenylisopropylhydrazine.HCl	66-05-7	.	.	–	.	.	–	–
Phenylmercuric acetate	62-38-4	–	.	–	.	.	–	–
<i>o</i> -Phenylphenol	90-43-7	+	232	–	ubl	.	–	–
<i>p</i> -Phenylphenol	92-69-3	.	.	–	.	.	–	–
<i>o</i> -Phenylphenol, sodium	132-27-4	–	672 ^{m,v}	–	kid ubl	ubl	–	–
3-Phenylpropyl isothiocyanate	2627-27-2	.	–	.	–	.	.	.
PhIP.HCl	---	+	1.78 ^m	33.2 ^m	hmo lgi pro smi	lgi mgl	hmo	hmo

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Phorbol	17673-25-5	.	.	2.21 ⁱ	.	.	–	hmo
Phosphamidon	13171-21-6	+	l	–	l	l	–	–
Phosphine	7803-51-2	.	–	.	–	–	.	.
Phthalamide	88-96-0	–	–	–	–	–	–	–
Phthalic anhydride	85-44-9	–	–	–	–	–	–	–
Picloram, technical grade	1918-02-1	–	–	–	–	–	–	–
Pildralazine.2HCl	56393-22-7	.	.	–	.	.	–	–
Pilocarpine	92-13-7	.	–	.	–	–	.	.
Pimaricin	7681-93-8	.	–	.	–	–	.	.
Piperazine	110-85-0	–	–	.	–	–	.	.
Piperidine	110-89-4	.	–	.	–	–	.	.
Piperonyl butoxide	51-03-6	–	633 ^m	291 ^m	liv	liv	liv	liv
Piperonyl butoxide in solvent	51-03-6	–	.	–	.	.	–	–
Piperonyl sulfoxide	120-62-7	–	–	62.2	–	–	liv	–
Pirmenol.HCl	61477-94-9	.	–	–	–	–	–	–
Piroxicam	36322-90-4	.	–	.	–	.	.	.
Pivalolactone	1955-45-9	+	211 ^m	–	sto	sto	–	–
Policosanol	142583-61-7	.	–	–	–	–	–	–
Polybrominated biphenyl mixture	67774-32-7	.	0.322 ^m	0.332 ^m	liv	liv	liv	liv
Polybrominated biphenyls	59536-65-1	.	–	.	.	–	.	.
Polydextrose, acid form	68424-04-4	.	.	–	.	.	–	–
Polyoxyethylene(10)nonylpheny l ether	26027-38-3	.	–	–	.	–	.	–
Polysorbate 80	9005-65-6	–	–	–	–	–	–	–
Polyvinylpyridine- <i>N</i> -oxide	9045-81-2	.	–	–	.	–	.	–
Potassium bicarbonate	298-14-6	.	13000 ^m	.	ubl	ubl	.	.
Potassium chloride	7447-40-7	–	–	.	–	–	.	.
Potassium iodide	7681-11-0	.	440 ^m	.	orc	orc	.	.
Practolol	6673-35-4	.	–	–	–	–	–	–
Pranlukast hydrate	150821-03-7	.	–	.	–	–	.	.
Prazepam	2955-38-6	.	–	–	–	–	–	–

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Praziquantel ^s	55268-74-1	-	-	.	-	-	.	.
Prednimustine	29069-24-7	.	19.2	.	.	ezy	.	.
Prednisolone	50-24-8	-	1.53	.	liv	-	.	.
Prednisone	53-03-2	+	.	-	.	.	-	-
Premarin	12126-59-9	.	-	.	-	-	.	.
Primidolol.HCl	40778-40-3	.	.	-	.	.	-	-
Primidone	125-33-7	+	-	26.1 ^m	-	-	liv thy	liv
Probenecid	57-66-9	-	-	540	-	-	-	liv
Procarbazine	671-16-9	-	4.01 ⁱ	.	tba	.	.	.
Procarbazine.HCl ^s	366-70-1	-	0.351 ^{i,m}	0.558 ^{i,m}	hmo mgl nrv	hmo mgl nrv	hmo lun nrv	hmo lun nrv ute
Proflavine.HCl hemihydrate	952-23-8	+	|	|	|	|	|	|
Promethazine.HCl	58-33-3	-	-	-	-	-	-	-
Pronethalol	54-80-8	-	.	-	.	.	-	-
Pronethalol.HCl	51-02-5	-	.	-	.	.	-	-
Propane sultone	1120-71-4	+	3.84 ^m	.	hmo nrv smi	hmo mgl nrv smi	.	.
Propazine	139-40-2	.	.	-	.	.	-	-
β-Propiolactone	57-57-8	+	1.46 ^m	1.24 ^m	.	sto	sto	sto
Propranolol.HCl	318-98-9	.	-	-	-	-	-	-
Propyl <i>N</i> -ethyl- <i>N</i> -butylthiocarbamate, commercial grade (78%)	1114-71-2	.	.	-	.	.	-	-
<i>N,N</i> -Propyl- <i>N</i> -formylhydrazine	77337-54-3	.	.	8.79 ^m	.	.	lun pre	gal liv lun
Propyl gallate	121-79-9	-	-	-	-	-	-	-
<i>n</i> -Propyl isome	83-59-0	.	.	-	.	.	-	-
<i>N</i> -Propyl- <i>N</i> -nitro- <i>N</i> -nitrosoguanidine	13010-07-6	+	1.31 ^m	.	sto	.	.	.
<i>N</i> -Propyl- <i>N</i> -nitrosourea	816-57-9	+	<3.77 ^{m,P}	.	hmo	hmo	.	.
Propylene	115-07-1	+	-	-	-	-	-	-
Propylene glycol	57-55-6	-	-	.	-	-	.	.
Propylene glycol mono- <i>t</i> -butyl ether	57018-52-7	+	-	1870 ^m	-	-	liv	liv

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1,2-Propylene oxide	75-56-9	+	74.4 ^{m,v}	912 ^m	adr nas	mgl nas sto	nas	nas
Propylhydrazine.HCl	56795-66-5	.	.	45.5 ^m	.	.	lun	lun
Propylthiouracil	51-52-5	-	13.7 ^m	409	thy	thy	pit(B)	pit(B)
Proquazone	22760-18-5	.	.	-	.	.	-	-
Proresid	1508-45-8	.	-	.	-	.	.	.
Protocatechuic acid ^s	99-50-3	.	-	.	-	.	.	.
SX purple	2611-82-7	.	24500	.	tba(B)	tba(B)	.	.
Purpurin	81-54-9	.	678	.	ubl	.	.	.
Pyrazinamide	98-96-4	-	-	-	-	-	-	l
Pyridine	110-86-1	-	67.3	24.4 ^m	kid	-	liv	liv
Pyrilamine maleate	59-33-6	.	280 ^m	-	liv	liv	-	-
Pyrimethamine	58-14-0	-	-	-	-	-	l	-
Quercetin	117-39-5	+	10.1 ^{m,v}	-	kid smi ubl	smi ubl	-	-
Quercetin dihydrate ^s	6151-25-3	.	-	.	-	-	.	.
Quillaia extract	68990-67-0	.	-	-	-	-	-	-
Quinapril.HCl	82586-55-8	.	-	-	-	-	-	-
p-Quinone dioxime	105-11-3	+	106	-	-	ubl	-	-
Ramosetron.HCl	132907-72-3	.	-	-	-	-	-	-
C.I. acid red 114	6459-94-5	+	3.89 ^m	.	ezy liv ski	cli ezy lgi liv lun orc ski smi	.	.
C.I. food red 3	3567-69-9	+	-	-	-	-	-	-
C.I. pigment red 3	2425-85-6	+	1170 ^m	35500	adr	liv	kid thy	-
C.I. pigment red 23	6471-49-4	+	-	-	-	-	-	-
D & C red no. 5	3761-53-3	+	415 ^{m,P}	716 ^m	liv	liv	liv	liv
D & C red no. 9	5160-02-1	+	146	-	liv spl	-	-	-
D & C red no. 10	1248-18-6	-	-	.	-	-	.	.
FD & C red no. 1	3564-09-8	-	521 ^{m,v}	.	liv	liv	.	.
FD & C red no. 2	915-67-3	-	1470 ^m	.	hmo(B)	hmo(B)	.	.
FD & C red no. 3	16423-68-0	-	-	-	-	-	-	-
FD & C red no. 4 ^s	4548-53-2	-	8110 ^m	.	hmo(B)	hmo(B)	B-	B-

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Food red no. 106	3520-42-1	.	–	.	–	–	.	.
HC red no. 3	2871-01-4	+	–	–	–	–	–	l
Reserpine	50-55-5	–	0.306	5.02 ^m	adr	–	tes	mgl
Resorcinol	108-46-3	–	–	–	–	–	–	–
Retinoic acid	302-79-4	.	–	–	–	–	–	–
Retinol acetate	127-47-9	.	125 ^m	.	adr	adr	.	.
Retinol palmitate	79-81-2	–	–	–	–	.	–	.
Retrorsine	480-54-6	+	0.862	.	liv	.	.	.
Rhodamine 6G	989-38-8	–	–	–	–	–	–	–
Riddelliine	23246-96-0	+	0.119 ^m	1.97 ^m	hmo liv vsc	hmo liv vsc	vsc	lun
Rifampicin	13292-46-1	.	–	33.6	–	–	–	liv
Ripazepam	26308-28-1	.	–	114 ^m	–	–	liv	liv
Rosaniline.HCl ^s	632-99-5	+	–	.	–	–	.	.
<i>p</i> -Rosaniline.HCl ^s	569-61-9	+	39.4 ^m	51.5 ^m	ezy liv ski sub thy	ezy sub thy	liv	adr liv
Rotenone	83-79-4	–	–	–	–	–	–	–
Rutin sulfate	12768-44-4	.	–	.	–	–	.	.
Rutin trihydrate ^s	153-18-4	+	–	.	–	–	.	.
Saccharin	81-07-2	–	–	–	–	.	–	–
Saccharin, calcium	6485-34-3	.	–	.	–	.	.	.
Saccharin, sodium ^s	128-44-9	–	2140 ^{m,v}	–	ubl	–	–	–
Safrole	94-59-7	–	441 ^m	51.3 ^{m,P,v}	liv	liv(B)	liv	liv
Salbutamol	18559-94-9	.	40 ^m	.	.	meo	.	.
Salicylazosulfapyridine	599-79-1	–	1590 ^m	1250 ^m	ubl	kid ubl	liv	liv
Sarcophytol A	72629-69-7	.	.	–	.	.	–	.
Scopolamine hydrobromide tri- hydrate	6533-68-2	–	–	–	–	–	–	–
SDZ 200-110	122784-89-8	.	230 ^m	.	tes	.	.	.
Selenium	7782-49-2	.	.	–	.	.	.	L
Selenium diethyldithiocarba- mate	5456-28-0	.	.	1.49	.	.	liv	–

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Selenium dimethyldithiocarbamate	144-34-3	.	.	–	.	.	–	–
Selenium dioxide	7446-08-4	.	.	–	.	.	.	L
Selenium sulfide	7446-34-6	+	8.01 ^m	69.3	liv	liv	–	liv lun
Senkirkine	2318-18-5	.	1.7 ⁱ	.	liv	.	.	.
Sertraline.HCl	79559-97-0	.	–	–	.	–	–	–
Sesamol	533-31-3	.	1350 ^m	4490 ^m	sto	sto	sto	sto
Simazine	122-34-9	–	.	–	.	.	–	–
Sodium bicarbonate	144-55-8	.	–	–	–	.	–	.
Sodium bithionolate	6385-58-6	.	.	–	.	.	–	–
Sodium chloride	7647-14-5	–	–	–	–	.	–	–
Sodium chlorite	7758-19-2	.	–	–	–	–	–	–
Sodium copper chlorophyllin	28302-36-5	.	–	.	–	–	.	.
Sodium diethyldithiocarbamate trihydrate	148-18-5	–	–	–	–	–	–	–
Sodium hypochlorite	7681-52-9	–	–	–	–	–	–	–
Sodium metaphosphate	10361-03-2	.	–	.	–	–	.	.
Sorbic acid	110-44-1	–	–	–	–	–	–	–
Sotalol.HCl	959-24-0	.	–	–	–	–	–	–
Soybean lecithin	8002-43-5	.	–	.	–	–	.	.
Sterigmatocystin ^s	10048-13-2	+	0.152 ^{m,v}	0.908 ^m	liv vsc	liv(B)	.	vsc
Stevioside	57817-89-7	.	–	.	–	–	.	.
Stoddard solvent IIC	64742-88-7	–	219	–	adr	–	–	–
Streptozotocin	18883-66-4	+	0.963 ^{i,m}	0.272 ^{i,m}	kid	kid	kid lun	kid lun
Strobane	8001-50-1	.	.	0.884 ^m	.	.	hmo liv	–
Styrene	100-42-5	+	23.3	210 ^m	–	mgl	lun	lun
Styrene and β-nitrostyrene mixture	mixture	.	–	–	–	–	–	–
Styrene oxide	96-09-3	+	55.4 ^m	118 ^m	sto	sto	sto	sto
Succinic anhydride	108-30-5	–	–	–	–	–	–	–
Sucralose	56038-13-2	.	.	–	.	.	–	–

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Sucrose	57-50-1	-	.	-	.	.	-	-
Sucrose acetate isobutyrate	126-13-6	.	-	-	-	-	-	-
Sulfallate	95-06-7	+	26.1 ^m	42.2 ^m	sto	mgl	lun	mgl
Sulfamethazine	57-68-1	-	.	1510 ^m	.	.	thy	thy
Sulfate, sodium	7757-82-6	.	.	-	.	.	.	-
Sulfisoxazole	127-69-5	-	-	-	-	-	-	-
Sulfite, potassium metabi-	4429-42-9	.	.	-	.	.	-	-
3-Sulfolene	77-79-2	-	-	-	-	-	-	-
4,4'-Sulfonylbisacetanilide	77-46-3	.	55.6 ⁿ	.	.	mgl	.	.
Sulindac sulfone	59973-80-7	.	-	.	-	.	.	.
Suxibuzone	27470-51-5	.	-	.	-	-	.	.
Symphytine	22571-95-5	.	1.91 ⁱ	.	liv vsc	.	.	.
T-2 toxin	21259-20-1	-	.	0.883	.	.	liv lun	-
Tace	569-57-3	-	-	.	-	-	.	.
Taltirelin tetrahydrate	---	.	-	-	-	-	-	-
Tamoxifen citrate	54965-24-1	.	3.96 ^{m,P,v}	4.39 ^m	liv	liv	tes	ova
Tannic acids, pharmaceutical grade (85.69% tannic acids, 8.84% gallic acids)	1401-55-4	+	-	.	-	-	.	.
Tara gum	39300-88-4	-	-	-	-	-	-	-
Taurine	107-35-7	-	-	.	-	-	.	.
Tegafur	37076-68-9	.	-	-	-	-	-	-
Telodrin	297-78-9	.	.	-	.	.	-	-
Telone II, technical grade (with 1% epichlorohydrin)	542-75-6	+	94 ^m	49.6	liv sto	sto	l	lun sto ubl
Telone II, technical grade (without epichlorohydrin)	542-75-6	+	100	118	liv	-	lun	-
Temazepam, pharmaceutical grade	846-50-4	.	.	-	.	.	-	-
Terbutaline	23031-25-6	.	410	.	.	meo	.	.
3,3',4,4'- Tetraaminobiphenyl.4HCl	7411-49-6	.	395	288	liv	.	lun	-

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2,3,5,6-Tetrachloro-4-nitroani- sole	2438-88-2	-	-	-	-	-	-	-
2,2',5,5'-Tetrachlorobenzidine	15721-02-5	+	-	-	-	-	.	-
2,3,7,8-Tetrachlorodibenzo- <i>p</i> - dioxin	1746-01-6	-	0.0000235 ^{m,v}	0.000156 ^m	orc thy	liv lun	liv	liv thy
2,4,5,4'-Tetrachlorodiphenyl sulfone	116-29-0	.	.	-	.	.	-	-
1,1,1,2-Tetrachloroethane	630-20-6	-	-	182 ^m	-	-	liv	liv
1,1,2,2-Tetrachloroethane	79-34-5	-	-	38.3 ^m	-	-	liv	liv
Tetrachloroethylene	127-18-4	-	145 ^m	158 ^m	hmo kid	hmo	hag liv	liv
Tetrachlorvinphos	961-11-5	-	-	228	-	- ^u	liv	- ^u
Tetracycline.HCl	64-75-5	-	-	-	-	-	-	-
Tetraethylthiuram disulfide	97-77-8	-	-	-	-	-	-	-
Tetrafluoro- <i>m</i> -phenylenedia- mine.2HCl	63886-77-1	.	-	86.3	-	.	liv	-
1,1,1,2-Tetrafluoroethane	811-97-2	.	29900	-	tes	-	-	-
Tetrafluoroethylene	116-14-3	.	107 ^m	71.9 ^m	kid liv	hmo kid liv vsc	hmo liv vsc	hmo liv vsc
Tetrahydro-2-nitroso-2 <i>H</i> -1,2-oxa- zine	40548-68-3	.	24.3	.	tba(B)	tba(B)	.	.
1-trans- Δ^9 -Tetrahydrocannabinol	1972-08-3	-	-	-	-	-	-	-
Tetrahydrofuran	109-99-9	-	407	1300	kid	-	-	liv
3,4,5,6-Tetrahydrouridine	18771-50-1	.	-	.	-	.	.	.
Tetrakis(hydroxymethyl)phos- phonium chloride	124-64-1	-	-	-	-	-	-	-
Tetrakis(hydroxymethyl)phos- phonium sulfate	55566-30-8	-	-	-	-	-	-	-
Tetramethylthiuram disulfide	137-26-8	+	-	-	-	-	-	-
Tetramethylthiuram monosulfide	97-74-5	.	.	-	.	.	-	-
Tetranitromethane	509-14-8	+	0.447 ^m	1.19 ^m	lun	lun	lun	lun
Thenyldiamine	91-79-2	.	-	.	-	-	.	.

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Theophylline	58-55-9	-	-	-	-	-	-	-
Thiabendazole	148-79-8	+	-	-	-	-	-	-
Thiamphenicol	15318-45-3	.	-	.	-	-	.	.
Thio-tepa	52-24-4	+	0.164 ^{i,m}	0.223 ^{i,m}	ezy hmo ski	ezy	hmo pre ski	hmo
Thioacetamide	62-55-5	-	11.5	8.81 ^{m,P}	liv	.	liv	liv
4,4'-Thiobis(6- <i>tert</i> -butyl- <i>m</i> - cresol)	96-69-5	-	-	-	-	-	-	-
2,2'-Thiobis(4,6-dichlorophenol)	97-18-7	-	.	-	.	.	-	-
Thiocyanate, sodium	540-72-7	.	-	.	-	-	.	.
4,4'-Thiodianiline	139-65-1	+	3.71 ^m	33.2 ^m	ezy lgi liv thy	ezy thy ute	liv thy	liv thy
β-Thioguanine deoxyriboside	789-61-7	.	2.1 ⁱ	l	-	ezy	l	l
Thiosemicarbazide	79-19-6	.	-	-	.	-	-	-
Thiouracil	141-90-2	.	11.9 ^m	55 ^m	thy	thy	liv	liv
Thiourea	62-56-6	-	98.5 ^m	-	ski	-	.	-
Tilidine fumarate	55567-81-2	.	-	-	-	-	-	-
Tilisolol.HCl	62774-96-3	.	-	-	-	-	-	-
Tin (II) chloride	7772-99-8	-	-	-	-	-	-	-
Titanium dioxide	13463-67-7	-	-	-	-	-	-	-
Titanium oxalate, potassium	14481-26-6	.	.	-	.	.	-	-
Titanocene dichloride	1271-19-8	+	-	.	-	-	.	.
<i>d</i> -α-Tocopherol	10191-41-0	.	-	.	-	-	.	.
<i>d</i> -α-Tocopherol acetate	7695-91-2	-	-	.	-	-	.	.
<i>d</i> -Tocopherol mixture, natural (α, β, γ and δ)	1406-66-2	-	.	3610	.	.	liv	.
Tolazamide	1156-19-0	-	-	-	-	-	-	-
Tolbutamide	64-77-7	-	-	-	-	-	-	-
Toluene	108-88-3	-	3060 ^m	-	orc ^H	+ ^H	-	-
Toluene diisocyanate, commercial grade (2,4 (80%)- and 2,6 (20%)-)	26471-62-5	+	33.7 ^m	250	pan sub	liv mgl pan sub	-	liv vsc

Chemical name	CAS	Salmo- nella	Harmonic mean of TD ₅₀ (mg/kg/day)		Rat positivity and target sites		Mouse positivity and target sites	
			Rat	Mouse	Male	Female	Male	Female
<i>o</i> -Toluenesulfonamide	88-19-7	-	3960	.	ubl(B)	ubl(B)	.	.
<i>m</i> -Toluidine.HCl	638-03-9	-	-	1440 ⁿ	-	.	liv	-
<i>o</i> -Toluidine.HCl	636-21-5	+	43.6 ^m	840 ^m	mgl per spl sub ubl vsc	bon mgl ubl vsc	vsc	liv vsc
<i>p</i> -Toluidine.HCl	540-23-8	+	-	83.5 ^m	-	.	liv	liv
<i>p</i> -Tolylurea	622-51-5	-	-	206	-	-	hmo	-
Toremifene citrate	89778-27-8	.	-	.	-	-	.	.
Toxaphene	8001-35-2	+	-	9.09 ^m	-	-	liv	liv
Tragacanth gum	9000-65-1	.	.	-	.	.	-	-
Trenimon	68-76-8	.	0.00504 ⁱ	.	tba	.	.	.
Triamcinolone acetonide	76-25-5	.	0.053	.	liv	.	.	.
3,4,4'-Triaminodiphenyl ether	6264-66-0	.	.	13.3	.	.	liv	.
Triamterene	396-01-0	-	-	60.2 ^m	-	-	liv	liv
Tribromomethane	75-25-2	+	648 ^m	-	lgi	lgi	-	-
Tributyl phosphate	126-73-8	-	191 ^m	1120	ubl	ubl	liv	-
Tricaprylin	538-23-8	+	5490	.	pan ^x	.	.	.
1,2,3-Trichloro-4,6-dinitrobenzene	6379-46-0	.	.	-	.	.	-	-
1,1,2-Trichloro-1,2,2-trifluoroethane, technical grade	76-13-1	.	-	.	-	-	.	.
Trichloroacetic acid	76-03-9	-	-	584 ^m	-	.	liv	liv
2,4,6-Trichloroaniline	634-93-5	-	-	259	-	.	liv vsc	-
1,1,2-Trichloroethane	79-00-5	-	-	55 ^m	-	-	adr liv	adr liv
1,1,1-Trichloroethane, technical grade	71-55-6	+	-	-	-	-	-	-
Trichloroethylene ^s	79-01-6	-	668 ^m	1580 ^{m,v}	tes	-	liv lun	liv lun
Trichloroethylene (without epichlorohydrin)	79-01-6	-	-	343 ^m	-	-	liv	liv
Trichlorofluoromethane	75-69-4	-	-	-	-	-	-	-
<i>N</i> -(Trichloromethylthio)phthalimide	133-07-3	+	-	1550 ^m	-	-	smi sto	smi

Chemical name	CAS	Salmo- nella	Harmonic mean of TD ₅₀ (mg/kg/day)		Rat positivity and target sites		Mouse positivity and target sites	
			Rat	Mouse	Male	Female	Male	Female
2,4,6-Trichlorophenol	88-06-2	–	405	1070 ^m	hmo	–	liv	liv
2-(2,4,5-Trichlorophenoxy)pro- pionic acid	93-72-1	.	.	–	.	.	–	–
2,4,5-Trichlorophenoxyacetic acid	93-76-5	–	–	–	–	–	–	–
Trichlorophone	52-68-6	+	–	.	B–	B–	.	.
1,2,3-Trichloropropane	96-18-4	+	1.35 ^m	0.875 ^m	ezy kid orc pan pre sto	cli ezy mgl orc sto	hag liv sto	hag liv orc sto ute
Tricresyl phosphate	1330-78-5	–	–	–	–	–	–	–
Triethanolamine	102-71-6	–	–	100 ^m	–	–	tba	tba
Triethylene glycol	112-27-6	+	–	.	–	.	.	.
2,2,2-Trifluoro- <i>N</i> -[4-(5-nitro-2- furyl)-2-thiazolyl]acetamide	42011-48-3	+	6.79	9.98	.	mgl	.	sto
Trifluralin, technical grade	1582-09-8	+	–	330	–	–	–	liv lun sto
Trimethadione	127-48-0	.	–	.	–	.	.	.
(±)-7-(3,5,6-Trimethyl-1,4-benzo- quinon-2-yl)-7-phenylhepta- noic acid	112665-43-7	.	–	.	–	–	.	.
2,4,5-Trimethylaniline	137-17-7	+	33.6 ^m	6.13	liv	liv lun	–	liv
2,4,5-Trimethylaniline.HCl	21436-97-5	+	98.5 ⁿ	45.5 ^m	liv sub	.	liv lun vsc	liv lun
2,4,6-Trimethylaniline.HCl	6334-11-8	.	5.17	24.8 ^m	liv lun sto	.	liv vsc	liv
Trimethylarsine oxide	4964-14-1	.	24.1	.	liv	.	.	.
1,2,4-Trimethylbenzene	95-63-6	.	4350	.	+ ^H	–	.	.
Trimethylphosphate	512-56-1	+	–	335	– ^u	–	–	ute
Trimethylthiourea	2489-77-2	–	25.8	–	–	thy	–	–
2,4,6-Trinitro-1,3-dimethyl-5- <i>tert</i> - butylbenzene	81-15-2	.	.	127 ^m	.	.	hag liv	liv
1,3,5-Trinitrobenzene	99-35-4	.	–	.	–	–	.	.
Trinitroglycerin	55-63-0	.	183 ^m	.	liv tes	liv	.	.
Triphenyltin acetate	900-95-8	.	.	–	.	.	–	–
Triphenyltin hydroxide	76-87-9	–	–	–	–	–	–	–
Tripolidine.HCl monohydrate	6138-79-0	–	–	–	–	–	–	–

Chemical name	CAS	Salmonella	Harmonic mean of TD ₅₀ (mg/kg/day)		Rat positivity and target sites		Mouse positivity and target sites	
			Rat	Mouse	Male	Female	Male	Female
Tris(2-chloroethyl)phosphate	115-96-8	-	86.7 ^m	969 ^m	kid	kid	kid liv	hmo sto
Tris-1,2,3-(chloromethoxy)propane	38571-73-2	.	.	3.44 ⁱ	.	.	.	per
Tris(2,3-dibromopropyl)phosphate	126-72-7	+	3.83 ^m	128 ^m	kid lgi	kid	kid lun sto	liv lun sto
Tris-(1,3-dichloro-2-propyl)phosphate	13674-87-8	+	46.4 ^m	.	kid liv tes	kid liv	.	.
Tris(2-ethylhexyl)phosphate	78-42-2	-	-	2560	-	-	-	liv
Tris(2-hydroxypropyl)amine	122-20-3	-	-	.	-	.	.	.
<i>N</i> -Tritriacontane-16-18-dione	24514-86-1	.	-	.	.	-	.	.
Trp-P-1 acetate	75104-43-7	+	0.575 ^m	40.7 ^m	liv	liv	liv	liv
Trp-P-2 acetate	72254-58-1	+	6.66 ^m	12.6 ^{m,v}	liv mgl ubl	cli hmo liv mgl smi vsc	liv	liv
<i>d</i> -Tryptophan	54-12-6	.	-	.	-	.	.	.
<i>l</i> -Tryptophan	73-22-3	-	-	-	-	-	-	-
Tungstate, sodium	13472-45-2	.	-	.	-	-	.	.
Turmeric (>98% curcumin)	458-37-7	-	-	.	-	.	.	.
Turmeric oleoresin (79%-85% curcumin)	8024-37-1	-	-	-	-	-	-	-
Tylosin lactate	11034-63-2	.	.	-	.	.	-	-
Uracil	66-22-8	-	671 ^{m,v}	2750 ^{m,v}	ubl	ubl	ubl	ubl
Urapidil	34661-75-1	.	-	.	-	-	.	.
Urea	57-13-6	-	-	-	-	-	-	-
Urethane ^s	51-79-6	+	41.3	16.9 ^{m,v}	tba(B)	tba(B)	hmo liv lun vsc	lun
Vanadyl sulfate	27774-13-6	.	-	-	-	.	-	-
Vanguard GF	mixture	.	.	-	.	.	-	-
Vinblastine	865-21-4	.	-	.	-	.	.	.
Vinyl acetate	108-05-4	-	341 ^{m,v}	3920	liv nas thy	liv nas thy ute	-	eso orc sto ute
Vinyl bromide	593-60-2	+	18.5 ^m	.	ezy liv vsc	ezy liv vsc	.	.
Vinyl carbamate	15805-73-9	.	.	0.124 ^{i,m}	.	.	liv vsc	liv vsc

Chemical name	CAS	Salmo- nella	Harmonic mean of TD ₅₀ (mg/kg/day)		Rat positivity and target sites		Mouse positivity and target sites	
			Rat	Mouse	Male	Female	Male	Female
Vinyl chloride ^s	75-01-4	+	6.11 ^{m,v}	21.8 ^m	ezy kid liv lun nas nrv ski tes vsc	ezy kid liv mgl nas nrv vsc	lun vsc	lun mgl vsc
Vinyl fluoride	75-02-5	+	20 ^m	8.11 ^m	ezy vsc	ezy liv vsc	hag liv lun vsc	hag lun mgl vsc
Vinyl toluene (65-71% <i>m</i> - and 32-35% <i>p</i> -)	25013-15-4	-	-	-	-	-	-	-
4-Vinylcyclohexene	100-40-3	-	l	106	l	l	l	ova
Vinylidene chloride	75-35-4	+	-	34.6 ^m	-	-	kid lun	lun mgl vsc
Vinylidene fluoride	75-38-7	+	-	.	-	-	.	.
<i>N</i> -Vinylpyrrolidone-2	88-12-0	-	12 ^m	.	liv nas orc	liv nas orc	.	.
FD & C violet no. 1	1694-09-3	+	612 ^m	-	-	mgl ski	-	-
Voglibose	83480-29-9	.	-	-	-	-	-	-
Watanidipine.2HCl	133743-71-2	.	-	-	-	-	-	-
Wingstay 100	68953-84-4	.	-	.	-	-	.	.
Xibenolol.HCl	15263-30-6	.	.	-	.	.	-	-
Xylazine.HCl	23076-35-9	.	-	.	-	.	.	.
Xylene mixture (50.31% <i>m</i> -xylene, 26.9% <i>o</i> -xylene, 22.24% <i>p</i> -xylene)	1330-20-7	-	3110 ^m	.	orc ^H	orc ^H	.	.
Xylene mixture (60% <i>m</i> -xylene, 9% <i>o</i> -xylene, 14% <i>p</i> -xylene, 17% ethylbenzene)	1330-20-7	-	-	-	-	-	-	-
2,4-Xylidine.HCl	21436-96-4	+	-	12.4	-	.	-	lun
2,5-Xylidine.HCl	51786-53-9	+	152	626 ^m	sub	.	vsc	liv
C.I. disperse yellow 3	2832-40-8	+	380	1020	liv	-	-	liv
C.I. pigment yellow 12	6358-85-6	-	-	-	-	-	-	-
C.I. pigment yellow 16	5979-28-2	.	-	.	B-	B-	B-	B-
C.I. pigment yellow 83	5567-15-7	.	-	.	B-	B-	B-	B-
C.I. vat yellow 4	128-66-5	-	-	10900	-	-	hmo	-
FD & C yellow no. 5	1934-21-0	-	-	-	-	-	-	-
FD & C yellow no. 6	2783-94-0	-	-	-	-	-	-	-

Chemical name	CAS	Salmo- nella	Harmonic mean of TD ₅₀ (mg/kg/day)		Rat positivity and target sites		Mouse positivity and target sites	
			Rat	Mouse	Male	Female	Male	Female
Gardenia yellow	94238-00-3	.	.	–	.	.	–	–
HC yellow 4	59820-43-8	+	–	–	–	–	–	–
Zatosepron maleate	123482-23-5	.	–	.	–	–	.	.
Zearalenone	17924-92-4	–	–	39 ^m	–	–	pit	liv pit
Zinc (II) acetate dihydrate	5970-45-6	.	–	.	–	.	.	.
Zinc dibutyldithiocarbamate	136-23-2	.	.	–	.	.	–	–
Zinc diethyldithiocarbamate	14324-55-1	.	.	–	.	.	–	–
Zinc dimethyldithiocarbamate	137-30-4	+	40.7 ^m	–	tba(B) thy	tba(B)	–	–
Zinc ethylenebisthiocarbamate	12122-67-7	–	255	–	tba(B)	tba(B)	–	–
Zirconium (IV) sulfate	14644-61-2	.	.	.	.	.	B–	B–

* NTP reported that corn oil, safflower oil and tricaprylin each induced tumors of the exocrine pancreas, but NTP did not assign a level of evidence of carcinogenicity.

Table B. Hamsters

Chemical name	CAS	Salmo- nella	Harmonic mean of TD ₅₀ (mg/kg/day)	Positivity and target sites	
				Male	Female
Acetaldehyde	75-07-0	-	565 ^m	nas orc	orc
2-Acetylaminofluorene	53-96-3	+	17.4	liv	-
AF-2	3688-53-7	+	164 ^m	eso sto	sto
3-Aminotriazole	61-82-5	-	-	-	-
Benzenediazonium tetrafluoroborate	369-57-3	.	-	-	-
Bromate, potassium	7758-01-2	+	533 ⁿ	kid	.
Butylated hydroxyanisole	25013-16-5	-	-	-	.
Cadmium chloride	10108-64-2	-	-	-	-
Cadmium sulphate (1:1)	10124-36-4	.	-	-	-
Carrageenan, native	9000-07-1	.	-	-	-
[4-Chloro-6-(2,3-xylidino)-2-pyrimidinylthio]acetic acid	50892-23-4	.	-	-	.
Chloromethyl methyl ether	107-30-2	-	16.4	mix	.
Chloroprene (99.6% chloroprene)	126-99-8	-	-	-	-
Clobuzarit	22494-47-9	.	-	-	-
Coumarin	91-64-5	+	-	-	-
<i>p,p'</i> -DDE	72-55-9	-	202 ^m	liv	liv
DDT	50-29-3	-	-	-	-
Diallylnitrosamine	16338-97-9	+	1.54	nas(B)	nas(B)
Dieldrin	60-57-1	-	-	-	-
Dimethylcarbamyl chloride	79-44-7	+	0.625	nas	.
1,1-Dimethylhydrazine	57-14-7	+	124 ^m	lgi	lgi
1,2-Dimethylhydrazine.2HCl	306-37-6	+	0.179 ^m	lgi liv vsc	lgi liv vsc
1,4-Dinitroso-2,6-dimethylpiperazine	55380-34-2	+	3.1	sto	.
Ethyl alcohol	64-17-5	-	-	-	.
1-Ethylnitroso-3-(2-hydroxyethyl)-urea	96724-44-6	.	1.04	.	sto ute vsc
1-Ethylnitroso-3-(2-oxopropyl)-urea	110559-84-7	.	0.443 ^m	sto vsc	sto vsc
Formaldehyde	50-00-0	+	-	-	.
Formic acid 2-[4-(5-nitro-2-furyl)-2-thiazolyl]hydrazide	3570-75-0	+	16.6	sto ubl	.
Furfural	98-01-1	+	-	-	-
Glycidol	556-52-5	+	56.1 ^m	vsc	vsc
Griseofulvin	126-07-8	-	-	-	-

Chemical name	CAS	Salmo- nella	Harmonic mean of TD ₅₀ (mg/kg/day)	Positivity and target sites	
				Male	Female
Hexachlorobenzene	118-74-1	-	4.96 ^m	liv thy vsc	liv vsc
Hydrazine	302-01-2	+	4.16	lgi nas sto thy	.
Hydrazine sulfate	10034-93-2	+	118 ^m	liv	-
<i>N</i> -Hydroxy-2-acetylaminofluorene	53-95-2	+	2.1	liv sto	.
2-Hydroxyethylhydrazine	109-84-2	+	-	-	-
Isoniazid	54-85-3	+	-	-	-
Isonicotinic acid	55-22-1	.	-	-	-
Isopropyl- <i>N</i> -(3-chlorophenyl)carbamate	101-21-3	.	-	-	-
Isopropyl- <i>N</i> -phenyl carbamate	122-42-9	.	-	-	-
Lead acetate, basic	1335-32-6	.	-	-	-
Methapyrilene.HCl	135-23-9	-	-	-	.
Methotrexate	59-05-2	-	-	-	-
<i>N</i> -Methyl- <i>N</i> -formylhydrazine	758-17-8	.	5.8 ^m	gal liv	gal liv
Methyl methacrylate	80-62-6	-	-	-	-
Methylhydrazine	60-34-4	+	11.5 ^m	lgi liv	lgi liv
Methylnitrosamino- <i>N,N</i> -dimethylethylamine	23834-30-2	.	3.83 ^m	liv nas	lun nas
4-(Methylnitrosamino)-1-(3-pyridyl)-1-(butanone)	64091-91-4	.	-	.	-
Methylthiouracil	56-04-2	-	53.4	.	thy
Nafenopin	3771-19-5	-	-	-	.
Nitrite, sodium	7632-00-0	+	-	-	-
<i>N</i> -[4-(5-Nitro-2-furyl)-2-thiazolyl]acetamide	531-82-8	+	8.91	sto ubl	.
<i>N</i> -[4-(5-Nitro-2-furyl)-2-thiazolyl]formamide	24554-26-5	+	<9.77 ^P	sto ubl	.
5-Nitroacenaphthene	602-87-9	+	-	.	-
<i>N</i> -Nitroso-2,3-dihydroxypropyl-2-hydroxypropylamine	89911-79-5	.	1.59	.	sto
Nitroso-2,3-dihydroxypropyl-2-oxopropylamine	92177-50-9	.	0.754	.	pan sto
<i>N</i> -Nitroso-2,3-dihydroxypropylethanolamine	89911-78-4	.	-	.	-
Nitroso-2,6-dimethylmorpholine	1456-28-6	+	2 ^m	lun nas orc pan	lun nas orc pan
Nitroso-5-methyloxazolidone	79624-33-2	.	0.172	.	sto
<i>N</i> -Nitroso- <i>N</i> -methylurethan	615-53-2	+	0.127	eso(B) sto(B)	eso(B) sto(B)
<i>N</i> -Nitroso-1,3-oxazolidine	39884-52-1	.	0.798 ^m	liv	sto
Nitroso-2-oxopropylethanolamine	92177-49-6	.	0.997	.	liv pan
<i>N</i> -Nitroso-2-phenylethylurea	---	.	0.964 ^m	sto vsc	sto vsc

Chemical name	CAS	Salmo- nella	Harmonic mean of TD ₅₀ (mg/kg/day)	Positivity and target sites	
				Male	Female
1-Nitroso-3,4,5-trimethylpiperazine	75881-18-4	.	1.32	lun sto	.
<i>N</i> -Nitrosoallyl-2-oxopropylamine	91308-71-3	.	1.19	.	liv nas
<i>N</i> -Nitrosoazetidine	15216-10-1	+	7.14	liv	.
<i>N</i> -Nitrosomethyl-2,3-dihydroxypropylamine	86451-37-8	.	0.94	.	nas
<i>N</i> -Nitrosomorpholine	59-89-2	+	3.57 ^m	liv nas orc	liv nas orc
<i>N</i> -Nitrosonornicotine	53759-22-1	.	10.8 ^m	nas	nas
<i>N</i> -Nitrosonornicotine-1- <i>N</i> -oxide	78246-24-9	.	–	–	–
<i>N</i> -Nitrosopiperidine	100-75-4	+	83.3 ^m	liv nas orc	liv nas orc
<i>N</i> -Nitrosopyrrolidine	930-55-2	+	14.2 ^m	liv	liv
1-(2-Oxopropyl)nitroso-3-(2-chloroethyl)urea	110559-85-8	.	0.338 ^m	vsc	vsc
2-Oxopropylnitrosourea	89837-93-4	.	0.13 ^m	vsc	vsc
Phenethyl isothiocyanate	2257-09-2	.	–	.	–
Phenobarbital	50-06-6	+	–	–	.
Phenyl-β-naphthylamine	135-88-6	–	–	–	–
Praziquantel	55268-74-1	–	–	–	–
Protocatechuic acid	99-50-3	.	–	.	–
Quercetin dihydrate	6151-25-3	.	–	–	–
Rosaniline.HCl	632-99-5	+	–	–	–
<i>p</i> -Rosaniline.HCl	569-61-9	+	–	–	–
Rutin trihydrate	153-18-4	+	–	–	–
Tetrafluoroborate, sodium	13755-29-8	.	–	–	–
Trichloroethylene	79-01-6	–	–	–	–
Urethane	51-79-6	+	65.2 ^m	lgi ski sto	adr lgi ski sto thy
Vinyl chloride	75-01-4	+	39.4 ^m	ezy sto vsc	mgl ski sto vsc

Table C. Monkeys

Chemical name	CAS	Salmonella	Harmonic mean of TD ₅₀ (mg/kg/day)		Positivity and target sites	
			Rhesus	Cynomolgus	Rhesus	Cynomolgus
2-Acetylaminofluorene	53-96-3	+	–	.	–	.
2,7-Acetylaminofluorene	304-28-9	+	–	–	–	–
Adriamycin	23214-92-8	+	–	–	–	–
Aflatoxin B ₁	1162-65-8	+	0.0082	0.0201	gal liv vsc	gal liv vsc
Arsenate, sodium	7631-89-2	.	.	–	.	–
Azathioprine	446-86-6	+	–	–	–	–
Cycasin and methylazoxymethanol acetate	mixture	.	0.0657 ^{m,v}	19.4	kid liv	liv
Cyclamate, sodium	139-05-9	.	–	–	–	–
Cyclophosphamide	50-18-0	+	–	–	–	–
DDT	50-29-3	–	–	–	–	–
<i>N,N</i> -Dimethyl-4-aminoazobenzene	60-11-7	+	–	.	–	.
IQ	76180-96-6	+	.	0.374	.	liv
Melphalan	148-82-3	+	–	0.0701	–	tba
3'-Methyl-4-dimethylaminoazobenzene	55-80-1	+	–	.	–	.
<i>N</i> -Methyl- <i>N'</i> -nitro- <i>N</i> -nitrosoguanidine	70-25-7	+	–	.	–	.
3-Methylcholanthrene	56-49-5	+	–	–	–	–
2-Naphthylamine	91-59-8	+	5.74	.	ubl	.
<i>N</i> -Nitroso- <i>N</i> -methylurea	684-93-5	+	7.18	4.52	eso	eso
<i>N</i> -Nitrosodiethylamine	55-18-5	+	0.0536 ^{m,v}	0.00725 ^{m,v}	liv	liv
<i>N</i> -Nitrosodimethylamine	62-75-9	+	–	.	–	.
<i>N</i> -Nitrosodipropylamine	621-64-7	+	0.0121 ⁱ	.	liv	.
<i>N</i> -Nitrosopiperidine	100-75-4	+	2.76 ^m	12.1	liv	liv
Norlestrin	8015-12-1	.	–	.	–	.
Procarbazine.HCl	366-70-1	–	4.21	14.8	hmo	hmo
Saccharin, sodium	128-44-9	–	–	–	–	–
Sterigmatocystin	10048-13-2	+	.	0.127	.	liv
Urethane	51-79-6	+	65.2	52.8	liv smi vsc	lun pan vsc

Table D. Other Species

Chemical name	CAS	Salmonella	Harmonic mean of TD₅₀ (mg/kg/day)	Positivity and target sites
Tree shrews				
Aflatoxin B ₁	1162-65-8	+	0.0269	liv
Bush babies				
<i>N</i> -Nitrosodiethylamine	55-18-5	+	0.0122 ⁱ	nas
Dogs				
Chloroform	67-66-3	-	-	-
3,3'-Dichlorobenzidine	91-94-1	+	<1.78 ^P	liv ubl
Lynestrenol	52-76-6	.	0.58	mgl
4,4'-Methylene-bis(2-chloroaniline)	101-14-4	+	2.12	liv ubl
FD & C red no. 4	4548-53-2	-	-	-