

The List of Hazardous Drugs

Introduction

Every day, millions of health care workers handle drugs in hospitals, clinics, pharmacies, nursing homes and residential care centers. Even though, precaution measures are widely available, there remains a high risk of exposure to these drugs during professional procedures. Such exposure may occur through accidental inhalation, ingestion, absorption and dermal contact of a fraction of these drugs, and can lead to a variety of health problems, such as sensitization, heritable changes, miscarriages, birth defects and cancer.

In order to support your health institution in protecting your staff from harmful exposure to drugs, B.Braun has summarized the available sources into the following list of more than 600 potentially hazardous substances. Each substance is classified by its potential toxic effect to the human body. For easy reference, the substances are clustered by pharmaceutical group and then listed alphabetically within each cluster.

Till today, mainly cytostatic drugs have been in focus as hazardous for the health care worker. However, recent publications from (1) International Agency for Research on Cancer (IARC), (2) Office of Environmental Health Hazard Assessment, California Environmental Protection Agency (California), (3) The National Institute for Occupational Safety and Health (NIOSH) and (4) Berufsgenossenschaft für Gesundheitsdienst und Wohlfahrtspflege (BGW) show, that there exists an occupational hazard also from other pharmaceutical groups.

The compiled list of substances is only for the convenience of the user and no representation or warranty is made that the information is current, accurate and complete. The list does not name all drugs with special, harmful properties. It should rather be used as a list of substances, which on the basis of existing publications and experience are justifiably suspected to have harmful effects on the human body. The fact, that for certain substances there is no harmful effect mentioned within the list does not necessarily mean that there is no such effect but can be due to the circumstance that there is no existing publication available. The question, if a substance has a harmful effect on the human body must be answered in an individual risk assessment considering the circumstances of its actual use. The compiled list of substances is not intended to take the place of either the written law or regulations.

Please find an electronic version of this list at www.safeinfusiontherapy.com.

Legend	1)	2)	3)	4)
+	characteristic of drugs fits the definition of International Agency for Research on Cancer (IARC)	characteristic of drugs fits the definition of Office of Environment Health Hazard Assessment, California Environmental Protection Agency (California)	characteristic of drugs fits the definition of The National Institute for Occupational Safety and Health (NIOSH)	characteristic of drugs fits the definition of Berufsgenossenschaft für Gesundheitsdienst und Wohlfahrtspflege (BGW)
+/-			mixed characteristics fits the definition of The National Institute for Occupational Safety and Health (NIOSH)	

CAS Number	Drug name / Active Pharmaceutical Ingredient (API)	Carcinogenicity	Developmental toxicity	Reproductive toxicity	Organ toxicity	Genotoxicity	Teratogenicity	Allergic reaction
ACE inhibitors								
-	Angiotensin converting enzyme		+ ²⁾					
86541-75-5	Benazepril						+ ⁴⁾	
62571-86-2	Captopril		+ ⁴⁾				+ ⁴⁾	+ ⁴⁾
83435-66-9	Delapril or alindapril		+ ⁴⁾				+ ⁴⁾	
75847-73-3	Enalapril		+ ⁴⁾				+ ⁴⁾	
98048-97-6	Fosinopril		+ ⁴⁾				+ ⁴⁾	
89371-37-9	Imidapril		+ ⁴⁾				+ ⁴⁾	
76547-98-3	Lisinopril		+ ⁴⁾				+ ⁴⁾	
103775-10-6	Moexipril		+ ⁴⁾				+ ⁴⁾	
99149-83-4	Perindopril							+ ⁴⁾
85441-61-8	Quinapril	+ ⁴⁾	+ ⁴⁾				+ ⁴⁾	
87333-19-5	Ramipril	+ ⁴⁾					+ ⁴⁾	
83647-97-6	Spirapril		+ ⁴⁾				+ ⁴⁾	
144701-48-4	Telmisartan						+ ⁴⁾	
Adrenergic alpha-agonists								
61-76-7	Phenylephrine HCl							+ ⁴⁾
Adrenergic beta-agonists								
586-06-1	Orciprenaline						+ ⁴⁾	
35763-26-9	Salbutamol						+ ⁴⁾	
Adrenergic beta-antagonists								
13655-52-2	Alprenolol						+ ⁴⁾	
29122-68-7	Atenolol		+ ²⁾					
63659-18-7	Betaxolol						+ ⁴⁾	
104344-23-2	Bisoprolol						+ ⁴⁾	
70578-42-6	Bupranolol						+ ⁴⁾	
72956-09-3	Carvedilol						+ ⁴⁾	
56980-93-9	Celiprolol						+ ⁴⁾	
103598-03-4	Esmolol						+ ⁴⁾	
38202-74-3	Metipranolol						+ ⁴⁾	
37350-58-6	Metoprolol						+ ⁴⁾	

CAS Number	Drug name / Active Pharmaceutical Ingredient (API)	Carcinogenicity	Developmental toxicity	Reproductive toxicity	Organ toxicity	Genotoxicity	Teratogenicity	Allergic reaction
Adrenergic beta-antagonists								
99200-09-6	Nebivolol						+ ⁴⁾	
6452-71-7	Oxprenolol						+ ⁴⁾	+ ⁴⁾
38363-32-5	Penbutolol						+ ⁴⁾	
28813-39-0	Pindolol						+ ⁴⁾	
525-66-6	Propranolol					+/- ³⁾	+/- ³⁾	
3930-20-9	Sotalol						+ ⁴⁾	
38649-73-9	Talinolol						+ ⁴⁾	
26921-17-5	Timolol						+ ⁴⁾	
Analgesics								
-	Analgesic mixtures containing phenacetin	+ ²⁾						
2438-72-4	Bufexamac							+ ⁴⁾
20594-83-6	Nalbuphine						+ ⁴⁾	
64024-15-3	Pentazocin						+ ⁴⁾	+ ⁴⁾
58858-18-7	Phenazone							+ ⁴⁾
62-44-2	Phenacetin	+ ^{1) 2)}						
-	Phenacetin, analgesic mixtures containing	+ ¹⁾						
479-92-5	Propyphenazone							+ ⁴⁾
107452-89-1	Ziconotide				+/- ³⁾	+ ³⁾	+/- ³⁾	
Anesthetics								
67-66-3	Chloroform	+ ^{1) 2)}	+ ²⁾					
151-67-7	Halothane		+ ²⁾					
10024-97-2	Nitrous oxide		+ ²⁾					
99-43-4	Oxybuprocaine							+ ⁴⁾
94-78-0	Phenazopyridine	+ ²⁾						
59-46-1	Procain HCl							+ ⁴⁾
136-47-0	Tetracaine HCl (Amethocaine)							+ ⁴⁾
79-01-6	Trichloroethylene	+ ^{1) 2)}						

CAS Number	Drug name / Active Pharmaceutical Ingredient (API)	Carcinogenicity	Developmental toxicity	Reproductive toxicity	Organ toxicity	Genotoxicity	Teratogenicity	Allergic reaction
Angiotensin II receptor antagonists								
139481-59-7	Candesartan						+ ⁴⁾	
133040-01-4	Eprosartan						+ ⁴⁾	
138402-11-6	Irbesartan						+ ⁴⁾	
124750-99-8	Losartan						+ ⁴⁾	
144689-24-7	Olmesartan						+ ⁴⁾	
137862-53-4	Valsartan						+/- ³⁾ + ⁴⁾	
Antibiotics								
139-91-3	5-(Morpholinomethyl)-3-[(5-nitrofurfurylidene)-amino]-2-oxazolidinone/Furaltadone	+ ²⁾						
39831-55-5	Amikacin						+ ⁴⁾	
39831-55-5	Amikacin sulfate		+ ²⁾					
-	Aminoglycosides		+ ²⁾					
26787-78-0	Amoxicillin							+ ⁴⁾
98520-55-9	Ampicillin							+ ⁴⁾
166663-25-8	Anidulafungin						+/- ³⁾	
78110-38-0	Aztreonam							+ ⁴⁾
-	Barbiturates		+ ²⁾					
179463-17-3	Caspofungin (acetate)						+/- ³⁾	
53994-73-3	Cefaclor							+ ⁴⁾
50370-12-2	Cefadroxil							+ ⁴⁾
25953-19-9	Cefazolin							+ ⁴⁾
15686-71-2	Cefelexine							+ ⁴⁾
79350-37-1	Cefixime							+ ⁴⁾
66309-69-1	Cefotiam							+ ⁴⁾
104376-79-6	Ceftriaxone							+ ⁴⁾
56-75-7	Chloramphenicol	+ ^{1) 2)}						
57-62-5	Chlorotetracycline		+ ⁴⁾					
23593-75-1	Clotrimazole						+ ⁴⁾	
2438-72-4	Colistin							+ ⁴⁾
66-81-9	Cycloheximide		+ ²⁾					
64-73-3	Demeclocycline hydrochloride		+ ²⁾					
564-25-0	Doxycycline		+ ²⁾					

CAS Number	Drug name / Active Pharmaceutical Ingredient (API)	Carcinogenicity	Developmental toxicity	Reproductive toxicity	Organ toxicity	Genotoxicity	Teratogenicity	Allergic reaction
Antibiotics								
94088-85-4	Doxycycline calcium		+ ²⁾					
24390-14-5	Doxycycline hyclate		+ ²⁾					
17086-28-1	Doxycycline monohydrate		+ ²⁾					
153832-46-3	Ertapenem							+ ⁴⁾
74-55-5	Ethambutol							+ ⁴⁾
2022-85-7	Flucytosine						+ ⁴⁾	
67-45-8	Furazolidone	+ ²⁾						
1405-41-0	Gentamicin sulfate						+ ⁴⁾	+ ⁴⁾
10238-21-8	Glibenclamide						+ ⁴⁾	
126-07-8	Griseofulvin	+ ^{1) 2)}						
35554-44-0	Imazalil	+ ²⁾						
64221-86-9	Imipenem							+ ⁴⁾
25389-94-0	Kanamycin sulfate						+ ⁴⁾	
76470-66-1	Loracarbef							+ ⁴⁾
96036-03-2	Meropenem							+ ⁴⁾
443-48-1	Metronidazole	+ ^{1) 2)}						
53-86-1	Mezlocillin							+ ⁴⁾
0235114-32-6	Micafungin sodium				+ ³⁾		+/- ³⁾	
13614-98-7	Minocycline hydrochloride		+ ²⁾					
389-08-2	Nalidixic acid	+ ²⁾						
1405-10-3	Neomycin sulfate		+ ²⁾					
56391-57-2	Netilmicin sulfate		+ ²⁾					
67-20-9	Nitrofurantoin		+ ²⁾					
59-87-0	Nitrofurazone	+ ²⁾						
79-57-2	Oxytetracycline		+ ²⁾					
69-57-8	Penicillin							+ ⁴⁾
28022-11-9	Piperacillin							+ ⁴⁾
171228-49-2	Posaconazole				+ ³⁾		+/- ³⁾	
13292-46-1	Rifampin		+ ²⁾					
3810-74-0	Streptomycin sulfate		+ ²⁾					
144-80-9	Sulfacetamide						+ ⁴⁾	
63-74-1	Sulfanilamide							+ ⁴⁾
72-14-0	Sulfathiazole							+ ⁴⁾

CAS Number	Drug name / Active Pharmaceutical Ingredient (API)	Carcinogenicity	Developmental toxicity	Reproductive toxicity	Organ toxicity	Genotoxicity	Teratogenicity	Allergic reaction
Antibiotics								
191114-48-4	Telithromycin			+/- ³⁾	+ ³⁾		+/- ³⁾	
60-54-8	Tetracycline		+ ²⁾					
64-75-5	Tetracycline hydrochloride		+ ²⁾					
19387-91-8	Tinidazole			+ ³⁾		+ ³⁾	+/- ³⁾ + ⁴⁾	
49842-07-1	Tobramycin sulfate		+ ²⁾					
738-70-5	Trimethoprim						+ ⁴⁾	
Anticonvulsants								
298-46-4	Carbamazepine		+ ²⁾					
57-41-0	Diphenylhydantoin (Phenytoin)	+ ^{1) 2)}	+ ²⁾					
630-93-3	Diphenylhydantoin (Phenytoin), sodium salt	+ ²⁾						
84057-84-1	Lamotrigine				+ ³⁾		+/- ³⁾	
57-53-4	Meprobamate		+ ²⁾					
28721-07-5	Oxcarbazepine	+ ³⁾		+ ³⁾	+ ³⁾	+ ³⁾	+/- ³⁾	
115-67-3	Paramethadione		+ ²⁾					
63-98-9	Phenacemide		+ ²⁾					
148553-50-8	Pregabalin	+ ³⁾		+ ³⁾	+ ³⁾		+/- ³⁾	
115103-54-3	Tiagabine	+/- ³⁾		+/- ³⁾		+/- ³⁾	+/- ³⁾	
127-48-0	Trimethadione		+ ²⁾					
99-66-1	Valproate (Valproic acid)	+ ³⁾	+ ²⁾	+ ³⁾	+ ³⁾		+ ³⁾	
-	Valproate Na	+ ³⁾		+ ³⁾	+ ³⁾		+ ³⁾	
68291-97-4	Zonisamide				+ ³⁾	+ ³⁾	+/- ³⁾	
Antidiabetics								
692-13-7	Buformine						+ ⁴⁾	
26944-48-9	Glibornuride						+ ⁴⁾	
21187-98-4	Gliclazide						+ ⁴⁾	
93479-97-1	Glimepirid						+ ⁴⁾	
33342-05-1	Gliquidone						+ ⁴⁾	
169148-63-4	Insulin detemir				+/- ³⁾		+/- ³⁾	
207748-29-6	Insulin glulisine	+ ³⁾					+/- ³⁾	

CAS Number	Drug name / Active Pharmaceutical Ingredient (API)	Carcinogenicity	Developmental toxicity	Reproductive toxicity	Organ toxicity	Genotoxicity	Teratogenicity	Allergic reaction
Antineoplastic agents								
13010-47-4 13909-09-6	1-(2-Chloroethyl)-3-cyclohexyl-1-nitrosourea (CCNU)(Lomustine)	+ ^{1) 2)}	+ ²⁾					
55-98-1	1,4-Butanediol dimethanesulfonate (Busulfan)	+ ²⁾	+ ²⁾					
50-76-0	Actinomycin D	+ ²⁾	+ ²⁾					
302-79-4	All-trans retinoic acid		+ ²⁾					
645-05-6	Altretamine		+ ²⁾					
54-62-6	Aminopterin		+ ²⁾					
051264-14-3	Amsacrine	+ ^{1) 2)}						
9015-68-3	Asparaginase				+ ³⁾		+/- ³⁾	
320-67-2	Azacitidine	+ ^{1) 2) 3)}		+ ³⁾		+ ³⁾	+ ³⁾	
115-02-6	Azaserine	+ ^{1) 2)}						
3543-75-7	Bendamustine						+ ⁴⁾	
216974-75-3	Bevacizumab			+ ³⁾	+ ³⁾		+/- ³⁾	
154-93-8	Bischloroethyl nitrosourea (BCNU)	+ ^{1) 2)}	+ ²⁾					
011056-06-7	Bleomycin	+ ¹⁾						
179324-69-7	Bortezomib			+ ³⁾	+ ³⁾	+ ³⁾	+ ³⁾	
55-98-1	Busulfan	+ ¹⁾						
41575-94-4	Carboplatin		+ ²⁾					
205923-56-4	Cetuximab			+ ³⁾	+ ³⁾		+/- ³⁾	
305-03-3	Chlorambucil	+ ^{1) 2)}	+ ²⁾					
4291-63-8	Cladribine		+ ²⁾	+ ³⁾	+ ³⁾	+ ³⁾	+ ³⁾	
123318-82-1	Clofarabine			+ ³⁾	+/- ³⁾	+ ³⁾	+ ³⁾	
6055-19-2	Cyclophosphamide (hydrated)/Cyclophosphamide monohydrate	+ ²⁾	+ ²⁾					
50-18-0	Cyclophosphamide(anhydrous)	+ ^{1) 2)}	+ ²⁾					
147-94-4	Cytarabine		+ ²⁾					
4342-03-4	Dacarbazine	+ ^{1) 2)}	+ ²⁾					
302962-49-8	Dasatinib			+ ³⁾			+ ³⁾	
20830-81-3	Daunomycin	+ ^{1) 2)}						
23541-50-6	Daunorubicin HCl		+ ²⁾					
2353-33-5	Decitabine			+ ³⁾	+ ³⁾	+ ³⁾	+ ³⁾	
79-43-6	Dichloroacetic acid (DCA)	+ ^{1) 2)}	+ ²⁾					
023214-92-8	Doxorubicin	+ ¹⁾						
25316-40-9	Doxorubicin hydrochloride (Adriamycin)	+ ²⁾	+ ²⁾					

CAS Number	Drug name / Active Pharmaceutical Ingredient (API)	Carcinogenicity	Developmental toxicity	Reproductive toxicity	Organ toxicity	Genotoxicity	Teratogenicity	Allergic reaction
Antineoplastic agents								
183321-74-6	Erlotinib HCl			+/- ³⁾			+ ³⁾	
000051-79-6	Ethyl carbamate (Urethane)	+ ^{1) 2)}	+ ²⁾					
33419-42-0	Etoposide	+ ^{1) 2)}	+ ²⁾					
033419-42-0	Etoposide in combination with cisplatin and bleomycin	+ ^{1) 2)}						
015663-27-1								
011056-06-7								
51-21-8	Fluorouracil		+ ²⁾					
13311-84-7	Flutamide		+ ²⁾					
65807-02-5	Goserelin acetate		+ ²⁾					
10034-93-2	Hydrazine sulfate	+ ²⁾						
127-07-1	Hydroxyurea		+ ²⁾					
57852-57-0	Idarubicin hydrochloride		+ ²⁾					
3778-73-2	Ifosfamide		+ ²⁾					
152459-95-5	Imatinib mesylate	+ ³⁾		+ ³⁾	+ ³⁾	+ ³⁾	+ ³⁾	
74381-53-6	Leuprolide acetate		+ ²⁾					
595-33-5	Megestrol acetate		+ ²⁾					
148-82-3	Melphalan	+ ^{1) 2)}	+ ²⁾					
6112-76-1	Mercaptopurine		+ ²⁾					
531-76-0	Merphalan	+ ^{1) 2)}						
50-07-7	Mitomycin C	+ ^{1) 2)}						
065271-80-9	Mitoxantrone	+ ¹⁾						
70476-82-3	Mitoxantrone HCl		+ ²⁾					
113803-47-7	MOPP (vincristine-prednisone-nitrogen mustard-procarbazine mixture)	+ ²⁾						
-	MOPP and other combined chemotherapy including alkylating agents	+ ¹⁾						
121032-29-9	Nelarabine				+ ³⁾	+ ³⁾	+ ³⁾	
55661-38	Nimustine hydrochloride						+ ⁴⁾	
55-86-7	Nitrogen mustard hydrochloride (Mechlorethamine hydrochloride)	+ ²⁾	+ ²⁾					
51-75-2	Nitrogen mustard(Mechlorethamine)	+ ^{1) 2)}	+ ²⁾					
759-73-9	N-Nitroso-N-ethylurea	+ ^{1) 2)}						
33069-62-4	Paclitaxel		+ ²⁾					
339177-26-3	Panitumumab			+ ³⁾	+ ³⁾		+/- ³⁾	
150399-23-8	Pemetrexed			+ ³⁾	+ ³⁾	+ ³⁾	+ ³⁾	

CAS Number	Drug name / Active Pharmaceutical Ingredient (API)	Carcinogenicity	Developmental toxicity	Reproductive toxicity	Organ toxicity	Genotoxicity	Teratogenicity	Allergic reaction
Antineoplastic agents								
53910-25-1	Pentostatin		+ ²⁾					
54-91-1	Pipobroman		+ ²⁾					
18378-89-7	Plicamycin		+ ²⁾					
671-16-9	Procarbazine	+ ²⁾						
366-70-1	Procarbazine hydrochloride	+ ^{1) 2)}	+ ²⁾					
174722-31-7	Rituximab				+ ³⁾		+/- ³⁾	
013909-09-6	Semustine [1-(2-Chloroethyl)-3-(4-methylcyclohexyl)-1-nitrosourea, Methyl-CCNU]	+ ¹⁾						
284461-73-0	Sorafenib			+ ³⁾		+/- ³⁾	+ ³⁾	
18883-66-4	Streptozotocin	+ ^{1) 2)}	+ ²⁾					
505-60-2	Sulfur mustard/Mustard Gas	+ ^{1) 2)}						
341031-54-7	Sunitinib malate			+ ³⁾	+ ³⁾		+ ³⁾	
010540-29-1	Tamoxifen and its salts	+ ^{1) 2)}						
29767-20-2	Teniposide	+ ¹⁾	+ ²⁾					
154-42-7	Thioguanine		+ ²⁾					
52-24-4	Thiotepa	+ ¹⁾						
-	Topotecan HCl			+ ³⁾	+ ³⁾	+ ³⁾	+ ³⁾	
180288-69-1	Transtuzumab				+ ³⁾			
299-75-2	Treosulfan	+ ^{1) 2)}						
817-09-4	Trichlormethine (Trimustine hydrochloride)	+ ^{1) 2)}						
52-24-4	Tris(1-aziridinyl)phosphine sulfide (Thiotepa)	+ ²⁾						
22089-22-1	Trofosfamide						+ ⁴⁾	
66-75-1	Uracil mustard	+ ^{1) 2)}	+ ²⁾					
143-67-9	Vinblastine sulfate		+ ²⁾					
2068-78-2	Vincristine sulfate		+ ²⁾					
149647-78-9	Vorinostat			+ ³⁾		+ ³⁾	+ ³⁾	

CAS Number	Drug name / Active Pharmaceutical Ingredient (API)	Carcinogenicity	Developmental toxicity	Reproductive toxicity	Organ toxicity	Genotoxicity	Teratogenicity	Allergic reaction
Antipsychotic agents								
12922-12-9	Aripiprazole	+ ³⁾		+ ³⁾	+ ³⁾	+ ³⁾	+/- ³⁾	
50-53-3	Chlorpromazine						+ ⁴⁾	+ ⁴⁾
113-59-7	Chlorprothixene						+ ⁴⁾	
52-86-8	Haloperidol		+ ²⁾					
132539-06-1	Olanzapine	+ ³⁾		+ ³⁾			+/- ³⁾	
2062-78-4	Pimozide		+ ²⁾					
11974-69-7	Quetiapine fumerate	+ ³⁾		+ ³⁾		+/- ³⁾	+/- ³⁾	
106266-06-2	Risperidone	+ ³⁾		+ ³⁾	+ ³⁾		+/- ³⁾	
146939-27-7	Ziprasidone	+ ³⁾		+ ³⁾	+ ³⁾	+ ³⁾	+/- ³⁾	
Antiviral agents								
665-66-7	Amantadine hydrochloride		+ ²⁾					
142217-69-4	Entecavir or ETV	+ ³⁾		+/- ³⁾		+ ³⁾	+/- ³⁾	
34156-56-4	Foscarnet							+ ⁴⁾
82410-32-0	Ganciclovir	+ ²⁾	+ ²⁾					
107910-75-8	Ganciclovir sodium		+ ²⁾					
54-42-2	Idoxuridine						+ ⁴⁾	
36791-04-5	Ribavirin		+ ²⁾					
7481-89-2	Zalcitabine	+ ^{1) 2) 3)}		+ ³⁾	+ ³⁾	+ ³⁾	+/- ³⁾	
Benzodiazepine and derivatives								
28981-97-7	Alprazolam		+ ²⁾					
1812-30-2	Bromazepam		+ ⁴⁾				+ ⁴⁾	
57801-81-7	Brotizolam		+ ⁴⁾					
58-25-3	Chlordiazepoxide		+ ²⁾					
438-41-5	Chlordiazepoxide hydrochloride		+ ²⁾					
57109-90-7	Clorazepate dipotassium or Clorazepate		+ ²⁾					
439-14-5	Diazepam		+ ²⁾					
1622-62-4	Flunitrazepam		+ ⁴⁾					
1172-18-5	Flurazepam hydrochloride		+ ²⁾					
23092-17-3	Halazepam		+ ²⁾					
846-49-1	Lorazepam		+ ²⁾					
848-75-9	Lormetazepam		+ ⁴⁾					

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Benzodiazepine and derivatives								
2898-12-6	Medazepam		+ ⁴⁾				+ ⁴⁾	
59467-96-8	Midazolam hydrochloride		+ ²⁾					
146-22-5	Nitrazepam		+ ⁴⁾					
1088-11-05	Nordazepam						+ ⁴⁾	
604-75-1	Oxazepam	+ ^{1) 2)}	+ ²⁾					
2955-38-6	Prazepam		+ ⁴⁾				+ ⁴⁾	
36735-22-5	Quazepam		+ ²⁾					
846-50-4	Temazepam		+ ²⁾					
10379-14-3	Tetrazepam		+ ⁴⁾				+ ⁴⁾	+ ⁴⁾
28911-01-5	Triazolam		+ ²⁾					
Contraceptives								
2098-66-0	Cyproterone acetate						+ ⁴⁾	
54024-22-5	Desogestrel						+ ⁴⁾	
-	Estrogen-progestogen	+ ¹⁾						
797-63-7	Levonorgestrel implants		+ ²⁾					
71-58-10	Medroxyprogesterone (depot medroxyprogesterone acetate (DMPA))	+/- ³⁾					+ ³⁾	
68-22-4	Norethisterone (Norethindrone)	+ ²⁾	+ ²⁾					
68-22-4	Norethisterone (Norethindrone) /Ethinyl estradiol		+ ²⁾					
57-63-6								
68-22-4	Norethisterone (Norethindrone) /Mestranol		+ ²⁾					
72-33-3								
51-98-9	Norethisterone acetate (Norethindrone acetate)		+ ²⁾					
68-23-5	Norethynodrel	+ ²⁾						
6533-00-2	Norgestrel		+ ²⁾					
-	Oral contraceptives, combined	+ ²⁾						
-	Oral contraceptives, sequential	+ ²⁾						
-	Progestogen-only contraceptives	+ ¹⁾						

CAS Number	Drug name / Active Pharmaceutical Ingredient (API)	Carcinogenicity	Developmental toxicity	Reproductive toxicity	Organ toxicity	Genotoxicity	Teratogenicity	Allergic reaction
Hormones								
-	Anabolic steroids		+ ²⁾					
-	Androgenic (anabolic) steroids	+ ¹⁾						
63-05-8	Androstenedione	+ ²⁾						
302-22-7	Chlormadinone acetate						+ ⁴⁾	
569-57-3	Chlorotrianisene	+ ²⁾						
54749-90-5	Chlorozotocin	+ ^{1) 2)}						
59865-133 79217-60-0	Ciclosporin (Cyclosporin A; Cyclosporine)	+ ²⁾						
113852-37-2	Cidofovir	+ ²⁾	+ ²⁾					
88768-40-5	Cilazapril		+ ⁴⁾				+ ⁴⁾	
226256-56-0	Cinacalcet HCl						+/- ³⁾	
15663-27-1	Cisplatin	+ ^{1) 2)}						
81103-11-9	Clarithromycin		+ ²⁾					
37148-27-9	Clenbuterol						+ ⁴⁾	
130-26-7	Clioquinol (iodochlorohydroxyquine)						+ ⁴⁾	
22316-47-8	Clobazam						+ ⁴⁾	
-	Conjugated estrogens	+ ²⁾	+ ²⁾					
17230-88-5	Danazol		+ ²⁾					
84-17-3	Dienestrol	+ ²⁾						
56-53-1	Diethylstilbestrol	+ ^{1) 2)}	+ ²⁾					
50-28-2	Estradiol 17B	+ ²⁾						
50-50-0	Estradiol benzoate	+ ⁴⁾						
979-32-8	Estradiol valerate	+ ⁴⁾						
2236-31-9	Estriol	+ ⁴⁾						
-	Estrogen therapy, postmenopausal	+ ¹⁾						
-	Estrogen-progestogen (combined) used as menopausal therapy	+ ²⁾						
-	Estrogen-progestogen menopausal therapy (combined)	+ ¹⁾						
-	Estrogens, steroidal	+ ²⁾						
53-16-7	Estrone	+ ²⁾						
7280-37-7	Estropipate	+ ²⁾	+ ²⁾					
57-63-6	Ethinylestradiol	+ ²⁾						

CAS Number	Drug name / Active Pharmaceutical Ingredient (API)	Carcinogenicity	Developmental toxicity	Reproductive toxicity	Organ toxicity	Genotoxicity	Teratogenicity	Allergic reaction
Hormones								
54350-48-0	Etretinate		+ ²⁾					
76824-35-6	Famotidine							+ ⁴⁾
13392-18-2	Fenoterol						+ ⁴⁾	
72490-01-8	Fenoxycarb	+ ²⁾						
437-38-7	Fentanyl						+ ⁴⁾	
72479-26-6	Fenticonazole							+ ⁴⁾
121181-53-1	Filgrastim		+ ²⁾					
76-43-7	Fluoxymesterone		+ ²⁾					
9002-68-0	Follicle stimulating hormone/Menotropins		+ ²⁾					
-	Human secretion						+/- ³⁾	
52-76-6	Lynestrenol	+ ²⁾						
-	Mecasermin rinfabate						+/- ³⁾	
71-58-9	Medroxyprogesterone acetate	+ ^{1) 2) +/-³⁾}	+ ²⁾	+ ³⁾			+ ³⁾	
72-33-3	Mestranol	+ ²⁾						
77-41-8	Mesuximide						+ ⁴⁾	
68-89-3	Metamizole						+ ⁴⁾	
68-89-3	Metamizole sodium							+ ⁴⁾
657-24-9	Metformin						+ ⁴⁾	
3963-95-9	Methacycline hydrochloride		+ ²⁾					
60-56-0	Methimazole		+ ²⁾					
59-05-2	Methotrexate		+ ²⁾					
15475-56-6	Methotrexate sodium		+ ²⁾					
298-81-7	Methoxsalen (8-methoxypsoralen) plus ultraviolet A radiation	+ ¹⁾						
66-27-3	Methyl methanesulfonate	+ ^{1) 2)}						
113-42-8	Methylergometrin						+ ⁴⁾	
58-18-4	Methyltestosterone		+ ²⁾					
59122-46-2	Misoprostol		+ ²⁾					
35189-28-7	Norgestimate						+ ⁴⁾	
57-83-0	Progesterone	+ ²⁾						
-	Progestins	+ ¹⁾						
25488-91-9	Prostaglandin (E1= Alprostadil;E2=Dinoprostone)						+ ⁴⁾	
-	Sermorelin acetate		+ ²⁾					
12629-01-5	Somatropine						+ ⁴⁾	

CAS Number	Drug name / Active Pharmaceutical Ingredient (API)	Carcinogenicity	Developmental toxicity	Reproductive toxicity	Organ toxicity	Genotoxicity	Teratogenicity	Allergic reaction
Hormones								
58-22-0	Testosterone and its esters	+ ²⁾						
58-20-8	Testosterone cypionate		+ ²⁾					
315-37-7	Testosterone enanthate		+ ²⁾					
Immunosuppressive agents								
57-97-6	7,12-Dimethylbenz(a)anthracene 7,12-dimethylbenz[α]anthracene or DMBA	+ ²⁾						
446-86-6	Azathioprine	+ ^{1) 2)}	+ ²⁾					
059865-13-3	Cyclosporine	+ ¹⁾						
214745-43-4	Efalizumab			+/- ³⁾			+/- ³⁾	
170277-31-3	Infliximab	+/- ³⁾			+ ³⁾			
53123-88-9	Sirolimus	+ ³⁾		+/- ³⁾ and + ³⁾			+/- ³⁾	
Nonsteroidal anti-inflammatory agents								
22494-42-4	Diflunisal		+ ²⁾					
41340-25-4	Etodolac		+ ²⁾					
5104-49-4	Flurbiprofen		+ ²⁾					
15687-27-1	Ibuprofen						+ ⁴⁾	
53-86-1	Indomethacin						+ ⁴⁾	
-	Nepafenac						+/- ³⁾	
50-33-9	Phenylbutazone							+ ⁴⁾
38194-50-2	Sulindac		+ ²⁾					
Others								
3795-88-8	5-(Morpholinomethyl)-3-[(5-nitrofurfurylidene)amino]-2-oxazolidinone/Levofuraltadone	+ ¹⁾						
484-20-8	5-Methoxypsoralen (with ultraviolet A therapy)	+ ^{1) 2)}						
298-81-7	8-Methoxypsoralen with ultraviolet A therapy	+ ²⁾						
332448-12-6	Abatacept	+/- ³⁾					+/- ³⁾	
77337-76-9	Acamprosate calcium						+/- ³⁾ + ⁴⁾	
59-66-5	Acetazolamide		+ ²⁾					
546-88-3	Acetohydroxamic acid (AHA or Lithostat)		+ ²⁾					
50-78-2	Acetylsalicylic acid		+ ²⁾					

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Others								
331731-18-1	Adalimumab	+ ³⁾			+ ³⁾			
54965-21-8	Albendazole							+ ⁴⁾
222535-22-0	Alefacept	+ ²⁾			+ ³⁾			
66376-36-1	Alendronic acid						+ ⁴⁾	
57-91-0	Alfatradiol or 17 α -estradiol	+ ⁴⁾						
420794-05-0	Alglucosidase alfa				+ ³⁾			
300-62-9	amfetamine(Amphetamine)				+ ³⁾		+/- ³⁾	
20537-88-6	Amifostine				+ ³⁾	+/- ³⁾	+/- ³⁾	
125-84-8	Aminoglutethimide		+ ²⁾					
80186-94-3	Aminophylline							+ ⁴⁾
19774-82-4	Amiodarone hydrochloride	+ ³⁾	+ ²⁾	+ ³⁾	+ ³⁾		+ ³⁾	
50-48-6	Amitriptyline						+ ⁴⁾	
14028-44-5	Amoxapine		+ ²⁾					
117-37-3	Anisindione or 2-(4-methoxyphenyl)indene-1,3-dione		+ ²⁾					
000084-65-1	Anthraquinone	+ ^{1) 2)}						
41372-20-7	Apomorphine HCl			+ ³⁾		+ ³⁾	+/- ³⁾	
000313-67-7	Aristolochic acid, plants containing	+ ¹⁾						
-	Aristolochic acids	+ ²⁾						
68844-77-9	Astemizole						+ ⁴⁾	
83015-26-3	Atomoxetine or Atmoxetine HCl				+ ³⁾		+/- ³⁾	
134523-00-5	Atorvastatin						+ ⁴⁾	
51-55-8	Atropine (sulfate)						+ ⁴⁾	
55-48-1								
34031-32-8	Auranofin		+ ²⁾					
5534-09-8	Beclomethasone dipropionate		+ ²⁾					
-	Benzodiazepines		+ ²⁾					
674-38-4	Bethanechol						+ ⁴⁾	
155206-00-1	Bimatoprost						+/- ³⁾	
514-65-8	Biperiden							+ ⁴⁾

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Others								
147536-97-8	Bosentan	+ ³⁾		+ ³⁾	+ ³⁾		+ ³⁾	
25614-03-3	Bromocriptine						+ ⁴⁾	
75-25-2	Bromoform	+ ²⁾						
52485-79-7	Bupernorphine						+ ⁴⁾	
34911-55-2	Bupropion HCl					+ ³⁾	+/- ³⁾	
143-81-7	Butobarbital sodium or sodium 5-(sec-butyl)-5-ethylbarbiturate		+ ²⁾					
331-39-5	Caffeic acid	+ ^{1) 2)}						
22232-54-8	Carbimazole						+ ⁴⁾	+ ⁴⁾
51781-21-6	Carteolol						+ ⁴⁾	
474-25-9	Chenodiol		+ ²⁾					
127-65-1	Chloramine-T (Tosylchloramide Sodium)							+ ⁴⁾
1620-21-9	Chlorcyclizine hydrochloride		+ ²⁾					
54-05-7	Chloroquine							+ ⁴⁾
77-38-3	Chlorphenoxamine						+ ⁴⁾	
25122-46-7	Clobetasol propionate		+ ²⁾					
10596-23-3	Clodronic acid						+ ⁴⁾	
637-07-0	Clofibrate	+ ²⁾						
50-41-9	Clomiphene citrate		+ ²⁾					
52-28-8	Codeine phosphate		+ ²⁾					
64-86-8	Colchicine		+ ²⁾					
008001-58-9	Creosotes	+ ^{1) 2)}						
21739-91-3	Cytembena	+ ²⁾						
117-10-2	Dantron (Chrysazin, 1,8-Dihydroxyanthraquinone)	+ ^{1) 2)}						
11096-26-7	Darbepoetin alpha					+ ³⁾	+/- ³⁾	
133099-04-4	Darifenacin HBr						+/- ³⁾	
40431-64-9	Dexmethylphenidate HCl	+/- ³⁾				+ ³⁾	+/- ³⁾	
24584-09-6	Dextrazoxane			+ ³⁾		+ ³⁾	+/- ³⁾	
51-64-9	Dextroamphetamine					+ ³⁾	+/- ³⁾	
364-98-7	Diazoxide		+ ²⁾					

CAS Number	Drug name / Active Pharmaceutical Ingredient (API)	Carcinogenicity	Developmental toxicity	Reproductive toxicity	Organ toxicity	Genotoxicity	Teratogenicity	Allergic reaction
Others								
120-97-8	Dichlorphenamide		+ ²⁾					
15307-86-5	Diclofenac						+ ⁴⁾	
66-76-2	Dicumarol		+ ²⁾					
69655-05-6	Didanosine				+ ³⁾	+ ³⁾		
125-28-0	Dihydrocodeine						+ ⁴⁾	
6190-39-2	Dihydroergotamine mesylate		+ ²⁾					
33286-22-5	Diltiazem hydrochloride		+ ²⁾					
77-78-1	Dimethyl sulfate	+ ^{1) 2)}						
886-38-4	Diphenylcyclopropanone							+ ⁴⁾
97-77-8	Disulfiram						+ ⁴⁾	+ ⁴⁾
-	Divalproex Na	+ ³⁾			+ ³⁾		+ ³⁾	
116539-59-4	Duloxetine HCl	+/- ³⁾		+/- ³⁾			+/- ³⁾	
154598-52-4	Efavirenz						+ ³⁾	
113427-24-0	Epoetin alpha				+ ³⁾		+/- ³⁾	
379-79-3	Ergotamine tartrate		+ ²⁾					
161796-78-7	Esomeprazole (magnesium)	+/- ³⁾				+ ³⁾		
138729-47-2	Eszopiclone/Eszopiclone	+ ³⁾		+ ³⁾		+ ³⁾	+/- ³⁾	
536-33-4	Ethionamide		+ ²⁾					
77-67-8	Ethosuximide				+ ³⁾		+ ⁴⁾	
75-21-8	Ethylene oxide	+ ^{1) 2)}	+ ²⁾					
2809-21-4	Etidronic acid						+ ⁴⁾	
141732-76-5	Exenatide						+/- ³⁾	
3385-03-3	Flunisolide		+ ²⁾					
80474-14-2	Fluticasone propionate		+ ²⁾					
93957-55-2	Fluvastatin						+ ⁴⁾	
73573-87-2	Formoterol						+ ⁴⁾	
25812-30-0	Gemfibrozil	+ ²⁾	+ ²⁾					
66852-54-8	Halobetasol propionate		+ ²⁾					
76712-82-8	Histrelin acetate		+ ²⁾					
488712-31-8	Hyaluronidase						+/- ³⁾	
466-99-9	Hydromorphone HCl						+/- ³⁾ + ⁴⁾	
50936-59-9	Idursulfase						+/- ³⁾	
78919-13-8	Iloprost						+/- ³⁾	

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Others								
50-49-7	Imipramine						+ ⁴⁾	
145258-61-3	Interferon beta 1a			+/- ³⁾			+/- ³⁾	
145155-23-3	Interferon beta 1b			+/- ³⁾			+/- ³⁾	
9004-66-4	Iron-dextran complex	+ ^{1) 2)}						
542-56-3	Isobutyl nitrite	+ ²⁾						
7640-37-1	Isoniazide							+ ⁴⁾
7683-59-2	Isoprenaline						+ ⁴⁾	
4759-48-2	Isotretinoin		+ ²⁾					
188265-33-0	Kunecatechins/Sinecatechins					+ ³⁾	+/- ³⁾	
103577-45-3	Lansoprazole	+ ³⁾			+ ³⁾	+ ³⁾	+/- ³⁾	
54451-24-0	Lanthanum carbonate hydrate	+/- ³⁾		+/- ³⁾			+/- ³⁾	
191732-72-6	Lenalidomide			+/- ³⁾	+ ³⁾		+ ³⁾	
59-92-7	Levodopa		+ ²⁾					
60-99-1	Levomepromazine							+ ⁴⁾
125-58-6	Levomethadone						+ ⁴⁾	
56-85-9	L-glutamine						+/- ³⁾	
-	Lindane and other hexachlorocyclohexane isomers	+ ²⁾						
554-13-2	Lithium carbonate		+ ²⁾					
919-16-4	Lithium citrate		+ ²⁾					
75330-75-5	Lovastatin		+ ²⁾					
136790-76-6	Lubiprostone	+ ³⁾					+/- ³⁾	
31431-39-7	Mebendazole		+ ²⁾					
68562-41-4	Mecasermin	+ ³⁾					+/- ³⁾	
68682-27-9	Mefloquine						+ ⁴⁾	
-	Mercury and mercury compounds		+ ²⁾					
3375-50-6	Mesna							+ ⁴⁾
113-45-1	Methylphenidate HCl	+/- ³⁾			+ ³⁾	+/- ³⁾	+/- ³⁾	
56-04-2	Methylthiouracil	+ ^{1) 2)}						
38304-91-5	Minoxidil							+ ⁴⁾
57-27-2	Morphine						+ ⁴⁾	+ ⁴⁾
86220-42-0	Nafarelin acetate		+ ²⁾					
3771-19-5	Nafenopin	+ ^{1) 2)}						

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Others								
22204-53-1	Naproxen	+ ³⁾			+ ³⁾	+ ³⁾	+/- ³⁾	
189261-10-7	Natalizumab			+ ³⁾	+/- ³⁾		+/- ³⁾	
83366-66-9	Nefazodone HCl				+ ³⁾		+/- ³⁾	
129618-40-2	Nevirapine	+ ³⁾		+ ³⁾	+ ³⁾		+/- ³⁾	
27848-84-6	Nicergoline							+ ⁴⁾
54-11-5	Nicotine		+ ²⁾					
21829-25-4	Nifedipine		+ ²⁾					
66085-59-4	Nimodipine		+ ²⁾					
61-57-4	Niridazole	+ ^{1) 2)}						
9010-02-0	Nitroglycerine (glycerol trinitrate)							+ ⁴⁾
86227-47-6	Omega-3-acid ethylesters						+/- ³⁾	
73590-58-6	Omeprazol							+ ⁴⁾
488712-31-8	Ovine hyaluronidase						+/- ³⁾	
76-42-6	Oxycodone						+ ⁴⁾	
434-07-1	Oxymetholone	+ ²⁾	+ ²⁾					
357-07-3	Oxymorphone HCl			+ ³⁾		+/- ³⁾	+/- ³⁾	
162394-19-6	Palifermin			+ ³⁾			+/- ³⁾	
12174-11-7	Palygorskite (Attapulgit) (long fibres, > 5 micrometres)	+ ^{1) 2)}						
109552-15-0	Pamidronic acid (disodium)						+ ⁴⁾	
84420-34-8	Paromomycin							+ ⁴⁾
110429-35-1	Paroxetine HCl	+ ³⁾		+ ³⁾			+ ³⁾	
52-67-5	Penicillamine		+ ²⁾					
12111-24-9	Pentetate Calcium Trisodium			+ ³⁾			+/- ³⁾	
12111-24-9	Pentetate calcium trisodium			+ ³⁾			+/- ³⁾	
57-33-0	Pentobarbital sodium		+ ²⁾					
84-97-9	Perazine							+ ⁴⁾
57-42-1	Pethidine							+ ⁴⁾
136-40-3	Phenazopyridine hydrochloride	+ ^{1) 2)}						
50-06-6	Phenobarbital	+ ^{1) 2)}						
77-09-8	Phenolphthalein	+ ^{1) 2)}						
59-96-1	Phenoxybenzamine	+ ²⁾						
63-92-3	Phenoxybenzamine HCl	+ ^{1) 2)}						

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Others								
435-97-2	Phenprocoumon		+ ²⁾					
137071-32-0	Pimecrolimus	+ ³⁾		+ ³⁾			+/- ³⁾	
112529-15-4	Pioglitazone HCl	+/- ³⁾			+ ³⁾		+/- ³⁾	
111025-46-8	Pioglitazone HCl/Metformin HCl				+ ³⁾		+/- ³⁾ + ⁴⁾	
302-41-0	Piritramide						+ ⁴⁾	
36322-90-4	Piroxicam							+ ⁴⁾
87806-31-3	Porfimer sodium			+ ³⁾	+ ³⁾	+/- ³⁾	+/- ³⁾	+ ⁴⁾
25655-41-8	Povidone iodine						+ ⁴⁾	+ ⁴⁾
196078-30-5	Pramlintide acetate						+/- ³⁾	
81131-70-6	Pravastatin sodium		+ ²⁾					
125-02-0	Prednisolone sodium phosphate		+ ²⁾					
125-33-7	Primidone	+ ²⁾						
60-87-7	Promethazine						+ ⁴⁾	
51-52-5	Propylthiouracil	+ ^{1) 2)}	+ ²⁾					
58-14-0	Pyrimethamine		+ ²⁾					
1098-97-1	Pyritinol							+ ⁴⁾
56-54-2	Quinidine						+ ⁴⁾	+ ⁴⁾
130-95-0	Quinine						+ ⁴⁾	+ ⁴⁾
196597-26-9	Ramelteon	+ ³⁾		+ ³⁾		+ ³⁾	+/- ³⁾	
347396-82-1	Ranibizumab						+/- ³⁾	
66357-59-3	Ranitidine							+ ⁴⁾
95636-55-5	Ranolazine	+/- ³⁾					+/- ³⁾	
161735-79-1	Rasagiline mesylate	+ ³⁾				+ ³⁾	+/- ³⁾	
54063-54-6	Reproterol						+ ⁴⁾	
50-55-5	Reserpine	+ ²⁾						
80621-81-4	Rifaximin						+/- ³⁾	
122320-73-4	Rosiglitazone maleate/Glimepiride	+/- ³⁾			+/- ³⁾	+ ³⁾	+/- ³⁾ + ⁴⁾	
93479-97-1								
94749-08-3	Salmeterol						+ ⁴⁾	
127779-20-8	Saquinavir mesylate				+ ³⁾			
309-43-3	Secobarbital sodium		+ ²⁾					
7446-34-6	Selenium sulfide	+ ²⁾						
486460-32-6	Sitagliptin phosphate	+ ³⁾						

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Others								
12244-57-4	Sodium aurothiomalate						+ ⁴⁾	
242478-38-2	Solifenacin (succinate)						+/- ³⁾	
52-01-7	Spironolactone	+ ²⁾						
10418-03-8	Stanozolol	+ ²⁾						
22199-08-2	Sulfadiazine silver						+ ⁴⁾	
723-46-6	Sulfamethoxazole						+ ⁴⁾	
599-79-1	Sulfasalazine (salicylazosulfapyridine)	+ ²⁾	+ ²⁾					
54965-24-1	Tamoxifen citrate		+ ²⁾					
118292-40-3	Tazarotene						+ ⁴⁾	
147127-20-6	Tenofovir	+ ³⁾		+ ³⁾	+ ³⁾	+ ³⁾		
23031-32-5	Terbutaline						+ ⁴⁾	
50679-08-8	Terfenadine						+ ⁴⁾	
50-35-1	Thalidomide		+ ²⁾					
76-75-5	Thiopental		+ ⁴⁾					
141-90-2	Thiouracil	+ ^{1) 2)}						
62-56-6	Thiourea	+ ²⁾						
220620-09-7	Tigecycline			+/- ³⁾			+ ³⁾	
20380-58-9	Tilidine						+ ⁴⁾	
89987-06-4	Tiludronic acid						+ ⁴⁾	
186691-13-4	Tiotropium bromide			+ ³⁾			+/- ³⁾	
174484-41-4	Tipranivir				+ ³⁾		+/- ³⁾	
64-77-7	Tolbutamide						+ ⁴⁾	
27203-92-5	Tramadol						+ ⁴⁾	
38260-01-4	Trientine hydrochloride		+ ²⁾					
13647-35-3	Trilostane		+ ²⁾					
1508-75-4	Tropicamide							+ ⁴⁾
10405-02-4	Tropium chloride						+/- ³⁾	
56776-01-3	Tulobuterole						+ ⁴⁾	
97048-13-0	Urofollitropin		+ ²⁾					
249296-44-4	Varenicline	+/- ³⁾					+/- ³⁾	
129497-78-5	Verteporfin					+ ³⁾	+/- ³⁾	
81-81-2	Warfarin		+ ²⁾					

CAS Number	Drug name / Active Pharmaceutical Ingredient (API)	Carcinogenicity	Developmental toxicity	Reproductive toxicity	Organ toxicity	Genotoxicity	Teratogenicity	Allergic reaction
Others								
151319-34-5	Zaleplon		+ ⁴⁾					
30516-87-1	Zidovudine (AZT)	+ ^{1) 2)}						
111406-87-2	Zileuton	+ ²⁾	+ ²⁾					
82626-48-0	Zolpidem		+ ⁴⁾					
43200-80-2	Zoplicon		+ ⁴⁾					
Vitamins								
68-19-9	Cyanocobalamine							+ ⁴⁾
12001-79-5	Menadiol (vitamin K4)							+ ⁴⁾
58-27-5	Menadion (vitamin K3)							+ ⁴⁾
68-26-8	Retinol (VitA) (> 10,000 IU/d)						+ ⁴⁾	
-	Retinol/retinyl esters		+ ²⁾					
127-47-9	Retinyl acetate (Vitamin A-acetate)							+ ⁴⁾
59-43-8	Thiamine (vitamin B1)							+ ⁴⁾

CAS Number	Drug name / Active Pharmaceutical Ingredient (API)	Carcinogenicity	Developmental toxicity	Reproductive toxicity	Organ toxicity	Genotoxicity	Teratogenicity	Allergic reaction
Sources:								
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