

# Chlorinated Pharmaceuticals

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<b>Calcium Chloride</b> (Calcium Chloride)  APR. MED. USE Approved 1900s	<b>Potassium Chloride</b> (Potassium Chloride)  APR. MED. USE Approved 1920s	<b>Chloramphenicol</b> (Chloramphenicol)  APR. MED. USE, IND. Approved 1949	<b>pHisoHex</b> (Hexachlorophene)  DERMATOLOGICAL Approved 1949	<b>Tace</b> (Chlorothalidone)  CARDIO-BENNY & SEX HORMONE Approved 1950	<b>Chlor-Trimeton</b> (Chlorpheniramine & Pseudoephedrine)  APR. MED. USE Approved 1950	<b>Clonidine</b> (Clonidine)  APR. MED. USE, IND. Approved 1950	<b>Ethchlorvynol</b> (Ethchlorvynol)  NERVOUS SYSTEM Approved 1950	<b>Phenoxybenzamine</b> (Phenoxybenzamine)  CARDIOVASCULAR Approved 1953	<b>Nesacaine</b> (Chloroprocaine)  NERVOUS SYSTEM Approved 1955	<b>Ambenonium</b> (Ambenonium)  NERVOUS SYSTEM Approved 1956	<b>Halothane</b> (Halothane)  NERVOUS SYSTEM Approved 1956	<b>Atarax</b> (Hydroxyzine)  NERVOUS SYSTEM Approved 1956	<b>Compazine</b> (Prochlorperazine)  NERVOUS SYSTEM Approved 1956	<b>Leukeran</b> (Chlorambucil)  ONCOLOGICAL Approved 1957	<b>Diuril</b> (Chlorothalidate)  CARDIOVASCULAR Approved 1957	<b>Thorazine</b> (Chlorpromazine)  NERVOUS SYSTEM Approved 1957	<b>Trilafon</b> (Perphenazine)  NERVOUS SYSTEM Approved 1957	<b>Diabinese</b> (Chlorpropamide)  HORMONAL TRACT & METABOLISM Approved 1958	<b>Chlorprothixene</b> (Chlorprothixene)  NERVOUS SYSTEM Approved 1958	<b>Parafon</b> (Chlorzoxazone)  NERVOUS SYSTEM Approved 1958	<b>Vancocin</b> (Vancomycin)  ANTI-INFECTION Approved 1958
<b>Cytoxan</b> (Cyclophosphamide)  ONCOLOGICAL Approved 1959	<b>Hydrochlorothiazide</b> (Hydrochlorothiazide)  CAP. IND. Approved 1959	<b>Librium</b> (Chlordiazepoxide)  NERVOUS SYSTEM Approved 1960	<b>Trancopal</b> (Chlormestane)  MUSCULO-SKELETAL Approved 1960	<b>Clomifene</b> (Clomifene)  CARDIO-BENNY & SEX HORMONE Approved 1960	<b>Clomipramine</b> (Clomipramine)  APR. MED. USE Approved 1960	<b>Doburil</b> (Cyclothiazide)  CARDIOVASCULAR Approved 1960	<b>Declomycin</b> (Demeclocycline)  APR. MED. USE Approved 1960	<b>Methoxyflurane</b> (Methoxyflurane)  NERVOUS SYSTEM Approved 1960	<b>Enduron</b> (Methyclothiazide)  CARDIOVASCULAR Approved 1960	<b>Chlorhexidine</b> (Chlorhexidine)  DENT. AND/OR DENT. USE Approved 1960s	<b>Daranide</b> (Dichlorophenamide)  SPORE ORGAN Approved 1965	<b>Grisactin</b> (Griseofulvin)  DERMATOLOGICAL Approved 1962	<b>Aldoril</b> (Methyldopa & Hydrochlorothiazide)  CARDIOVASCULAR Approved 1962	<b>Valium</b> (Diazepam)  NERVOUS SYSTEM Approved 1963	<b>Alkeran</b> (Mephalan)  ONCOLOGICAL Approved 1964	<b>Triavil</b> (Amitriptyline & Perphenazine)  NERVOUS SYSTEM Approved 1965	<b>Maalate</b> (Cimetidine)  DERMATOLOGICAL Approved 1965	<b>Serax</b> (Oxazepam)  NERVOUS SYSTEM Approved 1965	<b>Dyazide</b> (Chlorthalidone & Hydrochlorothiazide)  CARDIOVASCULAR Approved 1965	<b>Clomocycline</b> (Clomocycline)  ANTI-INFECTION Approved 1966	<b>Enflurane</b> (Enflurane)  NERVOUS SYSTEM Approved 1966
<b>Lasix</b> (Furosemide)  CARDIOVASCULAR Approved 1966	<b>Atromid-S</b> (Clofibrate)  MED. USE Approved 1967	<b>Haldol</b> (Haloperidol)  NERVOUS SYSTEM Approved 1967	<b>Pathocil</b> (Dioxacillin)  ANTI-INFECTION Approved 1968	<b>Cleocin</b> (Clindamycin)  APR. MED. USE Approved 1970	<b>Floxapen</b> (Fluoxacinil)  ANTI-INFECTION Approved 1970	<b>Dalmane</b> (Flurazepam)  NERVOUS SYSTEM Approved 1970	<b>Ketalar</b> (Ketamine)  NERVOUS SYSTEM Approved 1970	<b>Lysodren</b> (Mitotane)  ONCOLOGICAL Approved 1970	<b>Tranxene</b> (Clorazepate)  NERVOUS SYSTEM Approved 1972	<b>Hyperstat</b> (Diazoxide)  CARDIOVASCULAR Approved 1973	<b>Sanorex</b> (Mazindol)  HORMONAL TRACT & METABOLISM Approved 1973	<b>Clozapen</b> (Cloxacillin)  ANTI-INFECTION Approved 1974	<b>Monistat 7</b> (Miconazole)  APR. MED. USE, IND., DENT. USE Approved 1974	<b>Klonopin</b> (Clonazepam)  NERVOUS SYSTEM Approved 1975	<b>Lotimin</b> (Clotrimazole)  APR. MED. USE, DENT. USE Approved 1975	<b>Loxitane</b> (Loxapine)  NERVOUS SYSTEM Approved 1975	<b>Vanceril</b> (Beclomethasone)  APR. MED. USE Approved 1976	<b>CeeNU</b> (Lomustine)  ONCOLOGICAL Approved 1976	<b>Imodium</b> (Loperamide)  HORMONAL TRACT & METABOLISM Approved 1976	<b>Limbrol DS</b> (Amibiprylone & Chlorzoxazone)  NERVOUS SYSTEM Approved 1977	<b>Lioresal</b> (Baclofen)  APR. MED. USE Approved 1977
<b>BICNU</b> (Carmustine)  ONCOLOGICAL Approved 1977	<b>Tavist</b> (Clemastine)  APR. MED. USE Approved 1977	<b>Cloderm</b> (Clofazimine)  DERMATOLOGICAL Approved 1977	<b>Alivan</b> (Lorazepam)  NERVOUS SYSTEM Approved 1977	<b>Platinol</b> (Cisplatin)  ONCOLOGICAL Approved 1978	<b>Aldactazide</b> (Spironolactone & Hydrochlorothiazide)  CARDIOVASCULAR Approved 1978	<b>Bucitizine</b> (Bucitizine)  REPIRATORY SYSTEM Approved 1979	<b>Ceclor</b> (Cefaclor)  ANTI-INFECTION Approved 1979	<b>Farane</b> (Isufurane)  NERVOUS SYSTEM Approved 1979	<b>Reglan</b> (Metoclopramide)  HORMONAL TRACT & METABOLISM Approved 1979	<b>Inderide</b> (Propranolol & Hydrochlorothiazide)  CARDIOVASCULAR Approved 1979	<b>Adinazolam</b> (Adinazolam)  NERVOUS SYSTEM Approved 1980	<b>Asendin</b> (Amoxapine)  NERVOUS SYSTEM Approved 1980	<b>Halofex</b> (Haloproglin)  DERMATOLOGICAL Approved 1980	<b>Meclomen</b> (Meclofenamate)  MUSCULO-SKELETAL Approved 1980	<b>Domeperidone</b> (Domperidone)  HORMONAL TRACT & METABOLISM Approved 1980	<b>Xanax</b> (Alprazolam)  NERVOUS SYSTEM Approved 1981	<b>Modurelic</b> (Amiloride & Hydrochlorothiazide)  CARDIOVASCULAR Approved 1981	<b>Midamor</b> (Amiloride)  CARDIOVASCULAR Approved 1981	<b>Emcyt</b> (Etoposide)  ONCOLOGICAL Approved 1981	<b>Paxipam</b> (Halozepam)  NERVOUS SYSTEM Approved 1981	<b>Nizoral</b> (Ketoconazole)  APR. MED. USE Approved 1981
<b>Restoril</b> (Temazepam)  NERVOUS SYSTEM Approved 1981	<b>Aclovaite</b> (Alclometasone)  DENT. USE Approved 1982	<b>Spektral</b> (Econazole)  DENT. USE Approved 1982	<b>Halcion</b> (Triazolam)  NERVOUS SYSTEM Approved 1982	<b>Lozol</b> (Indapamide)  CARDIOVASCULAR Approved 1983	<b>TZ-3</b> (Tioconazole)  DENT. USE Approved 1983	<b>Tenoretic</b> (Atenolol & Chlorthalidone)  CARDIOVASCULAR Approved 1983	<b>Lofrisone</b> (Hexafluoroisopropanol & Chloramphenicol)  DERMATOLOGICAL Approved 1983	<b>Capozide</b> (Captopril & Hydrochlorothiazide)  CAP. IND. Approved 1984	<b>Lopressor HCT</b> (Metoprolol & Hydrochlorothiazide)  CARDIOVASCULAR Approved 1984	<b>Wellbutrin</b> (Bupropion)  NERVOUS SYSTEM Approved 1984	<b>Femtal</b> (Butoconazole)  DENT. USE & SEX HORMONE Approved 1985	<b>Temovate</b> (Clobetasol)  DERMATOLOGICAL Approved 1985	<b>Vered</b> (Midazolam)  NERVOUS SYSTEM Approved 1985	<b>Progabide</b> (Progabide)  NERVOUS SYSTEM Approved 1985	<b>Lamprane</b> (Clotrimazole)  ANTI-INFECTION Approved 1985	<b>Vaseretic</b> (Enalapril & Hydrochlorothiazide)  CARDIOVASCULAR Approved 1986	<b>Tenex</b> (Guanfacine)  CARDIOVASCULAR Approved 1986	<b>Trazodone</b> (Trazodone)  APR. MED. USE Approved 1986	<b>Zopiclone</b> (Zopiclone)  NERVOUS SYSTEM Approved 1986	<b>Iopidine</b> (Apraclonidine)  SPORE ORGAN Approved 1986	<b>Tussicaps</b> (Chlorpheniramine & Hydrocodone)  NERVOUS SYSTEM Approved 1987
<b>Mykrox</b> (Mefenazine)  CARDIOVASCULAR Approved 1987	<b>Elocon</b> (Mometasone)  DENT. USE Approved 1987	<b>Terazol 7</b> (Terconazole)  DENT. USE & SEX HORMONE Approved 1987	<b>Voltaren</b> (Diclofenac)  APR. MED. USE Approved 1988	<b>Ilex</b> (Iloperamide)  ONCOLOGICAL Approved 1988	<b>Oxistat</b> (Oxiconazole)  DENT. USE Approved 1988	<b>Meladylin</b> (Nichtlormethazide)  CARDIOVASCULAR Approved 1988	<b>Clozaril</b> (Clozapine)  NERVOUS SYSTEM Approved 1989	<b>Prinzide</b> (Lisopril & Hydrochlorothiazide)  CARDIOVASCULAR Approved 1989	<b>Prosom</b> (Estazolam)  NERVOUS SYSTEM Approved 1989	<b>Moclobemide</b> (Moclobemide)  NERVOUS SYSTEM Approved 1990	<b>Plendi</b> (Feldipine)  CARDIOVASCULAR Approved 1991	<b>Lorabid</b> (Loracarbef)  ANTI-INFECTION Approved 1991	<b>Zolof</b> (Sertraline)  APR. MED. USE Approved 1991	<b>Tilid</b> (Ticlopidine)  BLOOD & BLOOD FORMING ORGANS Approved 1991	<b>Lotensin HCT</b> (Benazepril & Hydrochlorothiazide)  CARDIOVASCULAR Approved 1992	<b>Sporanox</b> (Itraconazole)  DENT. USE Approved 1992	<b>Ziac</b> (Isosartan & Hydrochlorothiazide)  CARDIOVASCULAR Approved 1993	<b>Propulsid</b> (Cisapride)  HORMONAL TRACT & METABOLISM Approved 1993	<b>Leustatin</b> (Clodifine)  ONCOLOGICAL Approved 1993	<b>Lipidil</b> (Fenofibrate)  APR. MED. USE Approved 1993	<b>Claritin</b> (Loratadine)  REPIRATORY SYSTEM Approved 1993
<b>Monopril-HCT</b> (Fosinopril & Hydrochlorothiazide)  CARDIOVASCULAR Approved 1994	<b>Lamictal</b> (Lamotrigine)  NERVOUS SYSTEM Approved 1994	<b>Claritin-D</b> (Loratadine & Pseudoephedrine)  NERVOUS SYSTEM Approved 1994	<b>Serzone</b> (Nefazodone)  NERVOUS SYSTEM Approved 1994	<b>Lotrel</b> (Amlodipine & Benazepril)  CARDIOVASCULAR Approved 1995	<b>Zytec</b> (Celecoxib)  REPIRATORY SYSTEM Approved 1995	<b>Hyzaar</b> (Losartan & Hydrochlorothiazide)  CARDIOVASCULAR Approved 1995	<b>Cozaar</b> (Losartan)  CARDIOVASCULAR Approved 1995	<b>Astelina</b> (Azelastine)  APR. MED. USE Approved 1996	<b>Lexxel</b> (Enalapril & Fenoldipine)  CAP. IND. Approved 1996	<b>Zanaflex</b> (Zolmitriptan)  MUSCULO-SKELETAL Approved 1996	<b>Agrylin</b> (Losartan)  MED. USE Approved 1997	<b>Plavix</b> (Clopidogrel)  APR. MED. USE, CAP. IND. Approved 1997	<b>Arthrotec</b> (Diclofenac & Misoprostol)  HORMONAL TRACT & METABOLISM Approved 1997	<b>Corlopan</b> (Fenoldipine)  CARDIOVASCULAR Approved 1997	<b>Glyburide</b> (Glibenclamide)  MED. USE Approved 1997	<b>Avalede</b> (Vioxx & Hydrochlorothiazide)  CARDIOVASCULAR Approved 1997	<b>Meridia</b> (Sibutramine)  APR. MED. USE Approved 1997	<b>Fareston</b> (Toremilene)  MED. USE Approved 1997	<b>Sustiva</b> (Efavirenz)  ANTI-INFECTION Approved 1998	<b>Lotemax</b> (Lofeprednol Etabonate)  SPORE ORGAN Approved 1998	<b>Singulair</b> (Montelukast)  REPIRATORY SYSTEM Approved 1998
<b>Divian HCT</b> (Valsartan & Hydrochlorothiazide)  CARDIOVASCULAR Approved 1998	<b>Norvasc</b> (Amlodipine)  CARDIOVASCULAR Approved 1999	<b>Accurelic</b> (Quinapril & Hydrochlorothiazide)  CARDIOVASCULAR Approved 1999	<b>Benzacilin</b> (Benzoyl Peroxide & Chloramphenicol)  DERMATOLOGICAL Approved 2000	<b>Atacand HCT</b> (Candesartan & Hydrochlorothiazide)  CARDIOVASCULAR Approved 2000	<b>Cetrolide</b> (Cetorelix)  DENT. USE & SEX HORMONE Approved 2000	<b>Glucovance</b> (Glyburide & Metformin)  HORMONAL TRACT & METABOLISM Approved 2000	<b>Micardis HCT</b> (Losartan & Hydrochlorothiazide)  CARDIOVASCULAR Approved 2000	<b>Zytec-D</b> (Celecoxib & Pseudoephedrine)  CARDIOVASCULAR Approved 2001	<b>Clarinet D 24 Hour</b> (Desloratadine & Pseudoephedrine)  REPIRATORY SYSTEM Approved 2001	<b>Clarinet</b> (Desloratadine)  REPIRATORY SYSTEM Approved 2001	<b>Teveten HCT</b> (Eprosartan & Hydrochlorothiazide)  CARDIOVASCULAR Approved 2001	<b>Eldel</b> (Pimecrolimus)  DERMATOLOGICAL Approved 2001	<b>Geodon</b> (Ziprasidone)  NERVOUS SYSTEM Approved 2001	<b>Abilify</b> (Aripiprazole)  NERVOUS SYSTEM Approved 2002	<b>Plenaxis</b> (Abarelix)  DENT. USE Approved 2003	<b>Carbinoxamine</b> (Carbinoxamine)  REPIRATORY SYSTEM Approved 2003	<b>Iressa</b> (Gefitinib)  ONC. USE Approved 2003	<b>Benicar HCT</b> (Olmesartan & Hydrochlorothiazide)  CARDIOVASCULAR Approved 2003	<b>Ertaczo</b> (Sertaconazole)  DERMATOLOGICAL Approved 2003	<b>Caduet</b> (Amlodipine & Atorvastatin)  MED. USE, CAP. IND. Approved 2004	<b>Advil A.S.</b> (Chlorzoxazone, Pseudoephedrine & Naproxen)  NERVOUS SYSTEM Approved 2004
<b>Clolar</b> (Clotarfazine)  ONCOLOGICAL Approved 2004	<b>Lunesta</b> (Eszopiclone)  NERVOUS SYSTEM Approved 2004	<b>Zylet</b> (Zinc Undecylenate & Tretinoin)  SPORE ORGAN Approved 2004	<b>Nexavar</b> (Sorafenib)  APR. MED. USE Approved 2005	<b>Ziana</b> (Clindamycin & Tretinoin)  DERMATOLOGICAL Approved 2005	<b>Sprycel</b> (Dasatinib)  ONCOLOGICAL Approved 2006	<b>Atripla</b> (Efavirenz, Raltegravir & Zidovudine)  ANTI-INFECTION Approved 2006	<b>AZOR</b> (Amlodipine & Olmesartan)  CARDIOVASCULAR Approved 2007	<b>Exforge</b> (Amlodipine & Valsartan)  CARDIOVASCULAR Approved 2007	<b>Fenofibric Acid</b> (Fenofibric Acid)  CARDIOVASCULAR Approved 2007	<b>Tykerb</b> (Lapatinib)  ONCOLOGICAL Approved 2007	<b>Xyzal</b> (Levocetirizine)  DENT. USE Approved 2007	<b>Tekturna HCT</b> (Amlodipine & Hydrochlorothiazide)  CARDIOVASCULAR Approved 2008	<b>Treanda</b> (Bendamustine)  ONCOLOGICAL Approved 2008	<b>Cleviprex</b> (Cleviprex)  CARDIOVASCULAR Approved 2008	<b>Degarelix</b> (Degarelix)  DENT. USE Approved 2008	<b>Saphris</b> (Asenapine)  NERVOUS SYSTEM Approved 2009	<b>Bepreve</b> (Bepotastine)  SPORE ORGAN Approved 2009	<b>Besivance</b> (Besifloxacin)  ANTI-INFECTION Approved 2009	<b>Zipsor</b> (Diclofenac)  NERVOUS SYSTEM Approved 2009	<b>Vibciv</b> (Telavancin)  APR. MED. USE Approved 2009	<b>Samsca</b> (Tolvaptan)  BLOOD & BLOOD FORMING ORGANS Approved 2009
<b>Tekamlo</b> (Amlodipine & Amlodipine)  CARDIOVASCULAR Approved 2010	<b>Amturnide</b> (Amlodipine, Azilsartan & Hydrochlorothiazide)  CARDIOVASCULAR Approved 2010	<b>Dulera</b> (Mometasone & Formoterol)  REPIRATORY SYSTEM Approved 2010	<b>Tribenzor</b> (Amlodipine, Azilsartan & Hydrochlorothiazide)  CARDIOVASCULAR Approved 2010	<b>Onfi</b> (Clonazepam)  NERVOUS SYSTEM Approved 2011	<b>Xalkori</b> (Crizotinib)  ONC. USE Approved 2011	<b>Difficid</b> (Fidaxomicin)  APR. MED. USE Approved 2011	<b>Xarelto</b> (Rivaroxaban)  MED. USE, CAP. IND. Approved 2011	<b>Daliresp</b> (Roflumilast)  REPIRATORY SYSTEM Approved 2011	<b>Zelboraf</b> (Vemurafenib)  ONC. USE Approved 2011	<b>Stendra</b> (Avanafil)  DENT. USE Approved 2012	<b>Dymist</b> (Azelastine & Fluticasone)  REPIRATORY SYSTEM Approved 2012	<b>Bosulfif</b> (Bosulfif)  MED. USE, CAP. IND. Approved 2012	<b>Stiblid</b> (Cisplatin, Etoposide, Irinotecan & Sunitinib)  ANTI-INFECTION Approved 2012	<b>Belvig</b> (Lorcaserin)  BLOODING SYSTEM Approved 2012	<b>Silvagra</b> (Rigofranib)  APR. MED. USE Approved 2012	<b>Erivedge</b> (Vismodegib)  DENT. USE Approved 2012	<b>BEP</b> (Bismolvin, Etoposide & Cisplatin)  ONCOLOGICAL Not Approved+	<b>BEACOPP</b> (Bismolvin, Etoposide, Irinotecan & Sunitinib)  ONCOLOGICAL Not Approved+	<b>CHOP</b> (Chlorzoxazone, Doxorubicin & Paclitaxel)  ONCOLOGICAL Not Approved+	<b>CMF</b> (Cyclophosphamide, Methotrexate & Fluorouracil)  ONCOLOGICAL Not Approved+	<b>CVP</b> (Cyclophosphamide, Vincristine & Paclitaxel)  ONCOLOGICAL Not Approved+

All drugs are considered FDA approved in the U.S. following the passage of the Pure Food and Drug Act in 1906.  
\*The FDA approved year and Market Name is representative of the first FDA-approved formulation of the drug category (see legend in the notes).  
†The drug has been approved in at least one other country.

CATEGORY ABBREVIATIONS	
ALM	ALIMENTARY TRACT & METABOLISM
AN	ANTI-INFECTION
BFO	BLOOD & BLOOD FORMING ORGANS
CAE	CARDIOVASCULAR SYSTEM
DER	DERMATOLOGICAL
END	ENDOCRINE SYSTEM
GUS	GENITO-URINARY & SEX HORMONES
MSK	MUSCULO-SKELETAL SYSTEM