



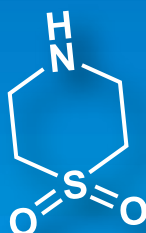
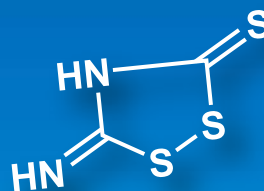
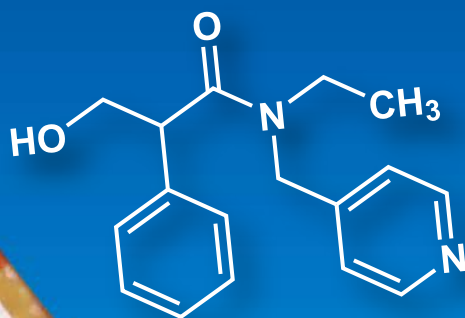
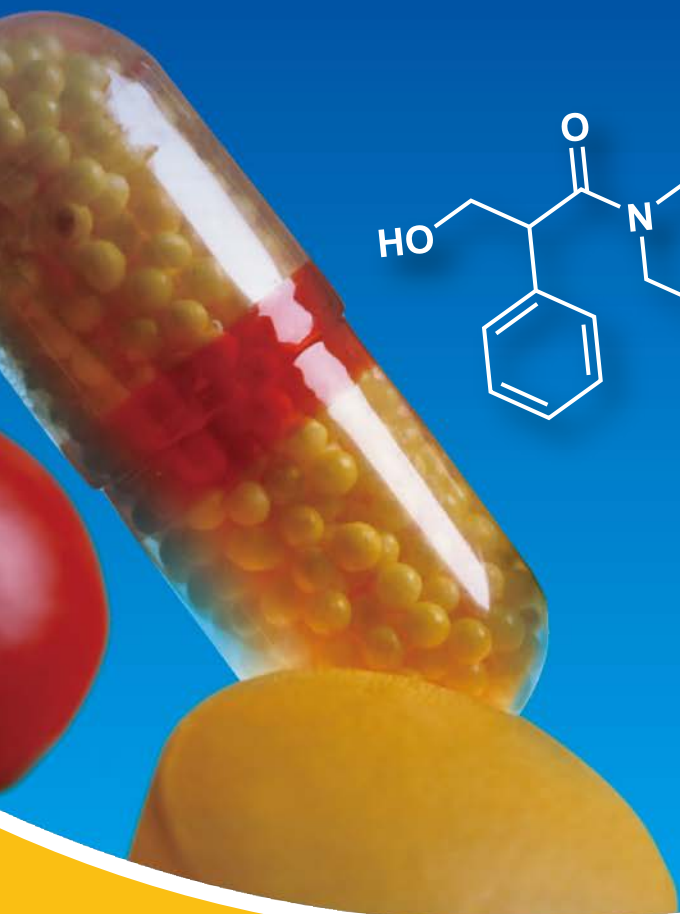
CHEMISTRY



LIFE SCIENCE



Bulk Pharmaceutical Agent / Intermediates for Pharmaceuticals



Bulk Pharmaceutical Agent

Intermediates for pharmaceuticals

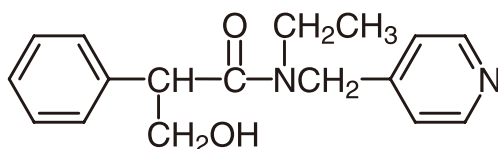
Bulk Pharmaceutical Agent / Intermediates for Pharmaceuticals

We manufacture a high-purity bulk pharmaceutical agent, Tropicamide by taking advantage of our over 50 years of experience as a leading reagent manufacturer. We also provide a wide variety of intermediates used in the synthesis of pharmaceutical agents. Listed below are examples of some of the possible pharmaceutical intermediates we provide,

classified according to structure. From pharmaceutical R & D to process development to production, we want to be your partner along the way, providing you with the high quality intermediates that accelerate new drug development.

Bulk Pharmaceutical Agent

J3001



Tropicamide
CAS RN: 1508-75-4

JP For exclusive manufacturing use, conforms with **USP, EP**

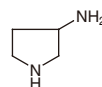
It is used for eye drops as an active ingredient of an eyeground inspection and of the treatment of pseudomyopia (mydriasis, cycloplegia). Eye drops containing Tropicamide have been reported to be an effective, simple drug in the diagnosis of Alzheimer's disease.

Production capability is 100 kg or more.

Intermediates for pharmaceuticals

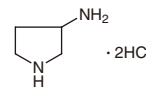
Amino-pyrrolidines

A1104



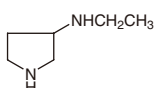
3-Aminopyrrolidine
CAS RN: 79286-79-6

A1055



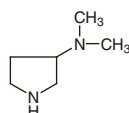
3-Aminopyrrolidine
Dihydrochloride
CAS RN: 103831-11-4

E0431



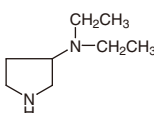
3-(Ethylamino)pyrrolidine
CAS RN: 111390-22-8

D1859



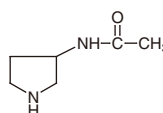
3-(Dimethylamino)pyrrolidine
CAS RN: 69478-75-7

D1857



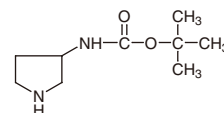
3-(Diethylamino)pyrrolidine
CAS RN: 20984-81-0

A1108



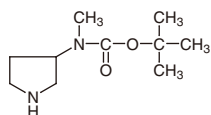
3-Acetamidopyrrolidine
CAS RN: 79286-74-1

B1358



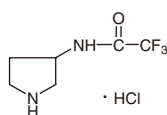
3-(*tert*-Butoxycarbonyl-
amino)pyrrolidine
CAS RN: 99724-19-3

M1096



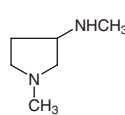
3-(*N-tert*-Butoxycarbonyl-
N-methylamino)pyrrolidine
CAS RN: 172478-00-1

T1247



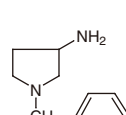
3-(Trifluoroacetamido)-
pyrrolidine Hydrochloride
CAS RN: 84424-06-6

D1965



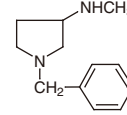
N,N'-Dimethyl-
3-aminopyrrolidine
CAS RN: 64021-83-6

B1354

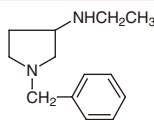


1-Benzyl-3-aminopyrrolidine
CAS RN: 18471-40-4

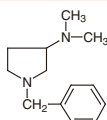
B1558



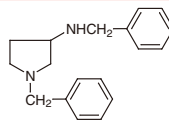
1-Benzyl-3-(methyl-
amino)pyrrolidine
CAS RN: 96568-35-3

B1560

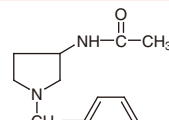
1-Benzyl-3-(ethylamino)-pyrrolidine
CAS RN: 115445-21-1

B1559

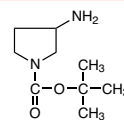
1-Benzyl-3-(dimethylamino)pyrrolidine
CAS RN: 69478-77-9

D1964

N,N'-Dibenzyl-3-aminopyrrolidine
CAS RN: 108963-20-8

B1355

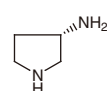
1-Benzyl-3-acetamidopyrrolidine
CAS RN: 28506-01-6

B3890

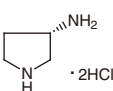
3-Amino-1-(*tert*-butoxycarbonyl)pyrrolidine
CAS RN: 186550-13-0

A1167

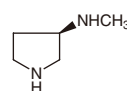
(3*R*)-(+)-3-Aminopyrrolidine
CAS RN: 116183-82-5

A1168

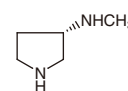
(3*S*)-(-)-3-Aminopyrrolidine
CAS RN: 128345-57-3

A1054

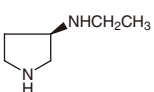
(3*S*)-(+)-3-Aminopyrrolidine Dihydrochloride
CAS RN: 116183-83-6

M1107

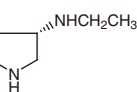
(3*R*)-(+)-3-(Methylamino)-pyrrolidine
CAS RN: 139015-33-1

M1108

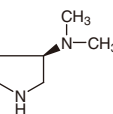
(3*S*)-(-)-3-(Methylamino)-pyrrolidine
CAS RN: 139015-32-0

E0433

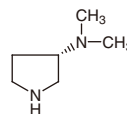
(3*R*)-(+)-3-(Ethylamino)-pyrrolidine
CAS RN: 381670-30-0

E0434

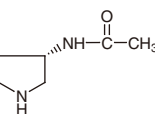
(3*S*)-(-)-3-(Ethylamino)-pyrrolidine
CAS RN: 381670-31-1

D2149

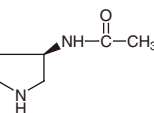
(3*R*)-(+)-3-(Dimethylamino)pyrrolidine
CAS RN: 132958-72-6

D2193

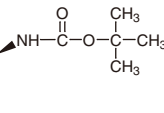
(3*S*)-(-)-3-(Dimethylamino)pyrrolidine
CAS RN: 132883-44-4

A1170

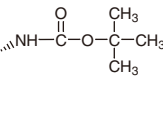
(3*S*)-(-)-3-Acetamidopyrrolidine
CAS RN: 114636-31-6

A1169

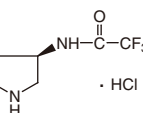
(3*R*)-(+)-3-Acetamidopyrrolidine
CAS RN: 131900-62-4

A1171

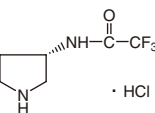
(3*R*)-(+)-3-(*tert*-Butoxycarbonylamino)pyrrolidine
CAS RN: 122536-77-0

A1172

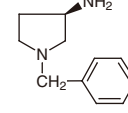
(3*S*)-(-)-3-(*tert*-Butoxycarbonylamino)pyrrolidine
CAS RN: 122536-76-9

T1369

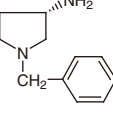
(3*R*)-(+)-3-(Trifluoroacetamido)-pyrrolidine Hydrochloride
CAS RN: 141043-16-5

T1366

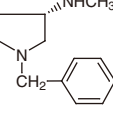
(3*S*)-(-)-3-(Trifluoroacetamido)-pyrrolidine Hydrochloride
CAS RN: 132883-43-3

A1173

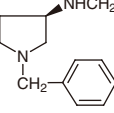
(3*R*)-(-)-1-Benzyl-3-aminopyrrolidine
CAS RN: 114715-39-8

A1174

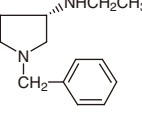
(3*S*)-(+)-1-Benzyl-3-aminopyrrolidine
CAS RN: 114715-38-7

B1583

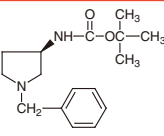
(3*S*)-(+)-1-Benzyl-3-(methylamino)pyrrolidine
CAS RN: 169749-99-9

B1580

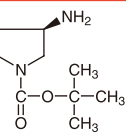
(3*R*)-(-)-1-Benzyl-3-(ethylamino)pyrrolidine
CAS RN: 376591-05-8

B1581

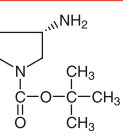
(3*S*)-(+)-1-Benzyl-3-(ethylamino)pyrrolidine
CAS RN: 169750-99-6

B1932

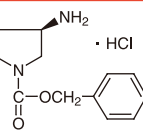
(3*R*)-(+)-1-Benzyl-3-(*tert*-butoxycarbonylamino)pyrrolidine
CAS RN: 131878-23-4

B2920

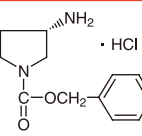
(3*R*)-(+)-1-(*tert*-Butoxycarbonyl)-3-aminopyrrolidine
CAS RN: 147081-49-0

B2921

(3*S*)-(-)-1-(*tert*-Butoxycarbonyl)-3-aminopyrrolidine
CAS RN: 147081-44-5

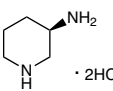
A2323

(*R*)-3-Amino-1-carbobenzoxypyrrolidine Hydrochloride
CAS RN: 870621-17-3

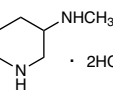
A2324

(*S*)-3-Amino-1-carbobenzoxypyrrolidine Hydrochloride
CAS RN: 550378-39-7

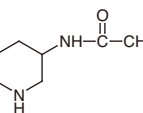
3-Amino-piperidines

A2787

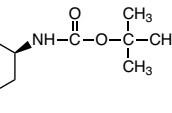
(*R*)-(-)-3-Aminopiperidine Dihydrochloride
CAS RN: 334618-23-4

M2171

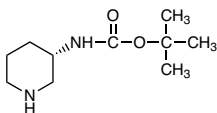
3-(Methylamino)piperidine Dihydrochloride
CAS RN: 127294-77-3

A1934

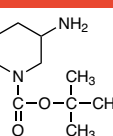
3-Acetamidopiperidine
CAS RN: 5810-55-9

B3591

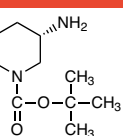
(*R*)-3-(*tert*-Butoxycarbonylamino)-piperidine
CAS RN: 309956-78-3

B3660

(*S*)-3-(*tert*-Butoxycarbonylamino)-piperidine
CAS RN: 216854-23-8

A2314

3-Amino-1-*tert*-butoxycarbonylpiperidine
CAS RN: 184637-48-7

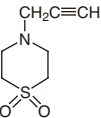
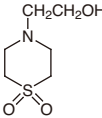
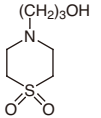
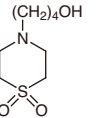
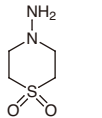
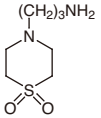
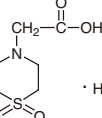
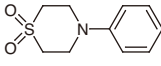
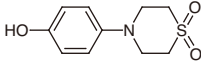
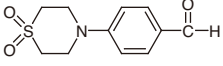
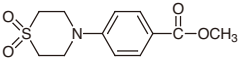
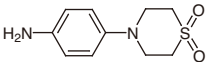
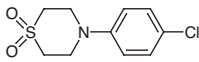
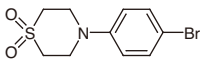
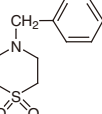
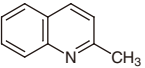
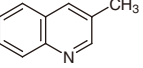
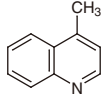
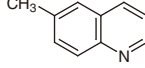
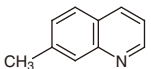
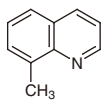
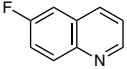
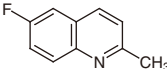
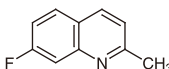
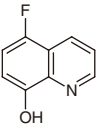
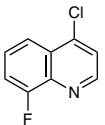
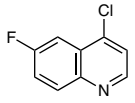
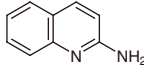
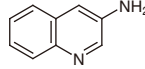
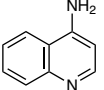
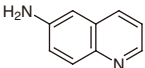
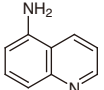
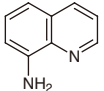
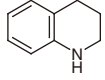
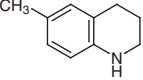
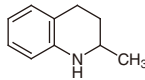
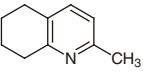
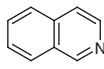
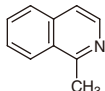
A2335

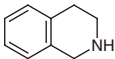
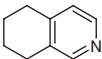
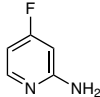
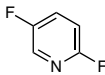
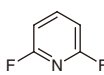
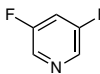
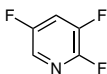
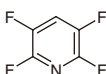
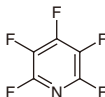
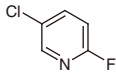
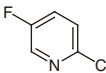
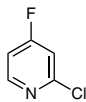
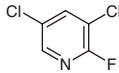
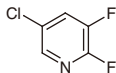
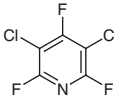
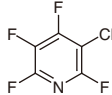
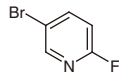
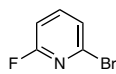
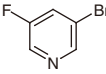
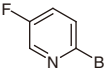
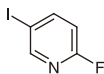
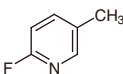
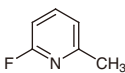
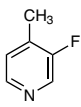
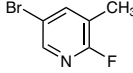
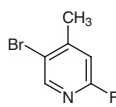
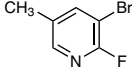
(*S*)-3-Amino-1-*tert*-butoxycarbonylpiperidine
CAS RN: 625471-18-3

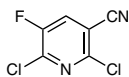
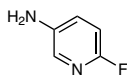
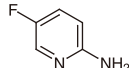
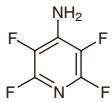
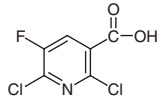
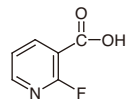
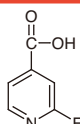
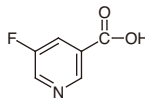
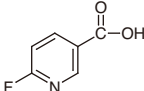
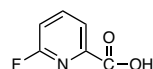
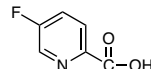
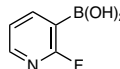
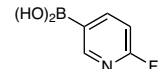
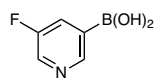
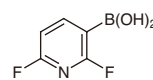
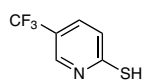
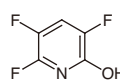
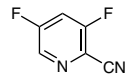
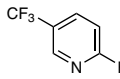
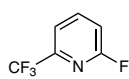
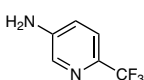
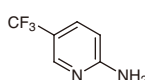
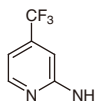
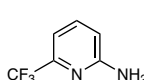
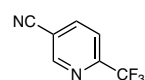
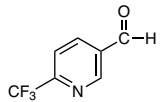
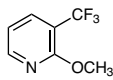
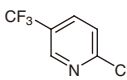
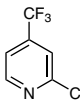
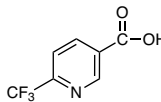
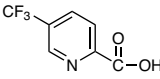
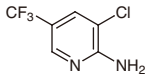
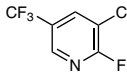
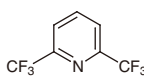
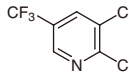
Thiomorpholine 1,1-Dioxides

T2193

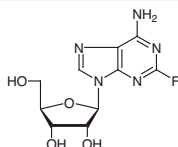
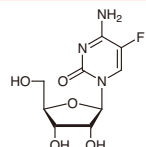
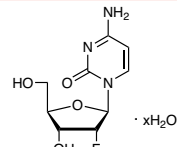
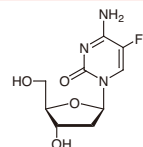
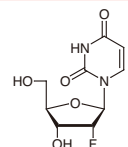
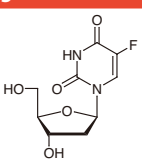
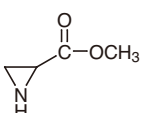
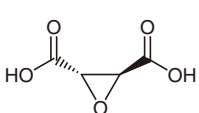
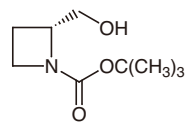
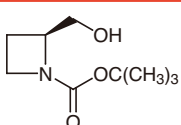
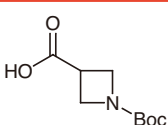
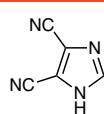
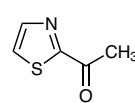
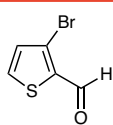
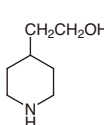
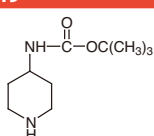
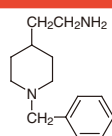
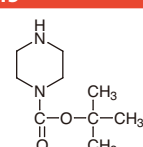
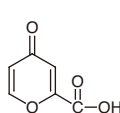
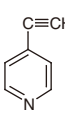
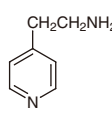
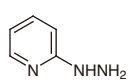
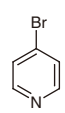
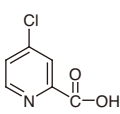
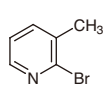
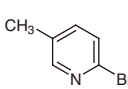
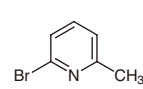
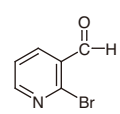
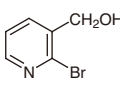
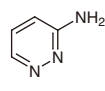
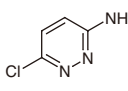
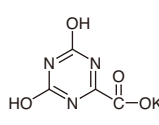
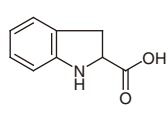
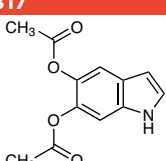
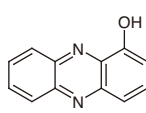
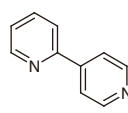
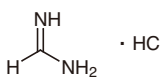
Thiomorpholine 1,1-Dioxide
CAS RN: 39093-93-1

P1469  4-Propargylthiomorpholine 1,1-Dioxide CAS RN: 10442-03-2	H1140  4-(2-Hydroxyethyl)-thiomorpholine 1,1-Dioxide CAS RN: 26475-62-7	H1141  4-(3-Hydroxypropyl)-thiomorpholine 1,1-Dioxide CAS RN: 205194-33-8	H1142  4-(4-Hydroxybutyl)-thiomorpholine 1,1-Dioxide CAS RN: 59801-41-1	A1798  4-Aminothiomorpholine 1,1-Dioxide CAS RN: 26494-76-8
A1804  4-(3-Aminopropyl)-thiomorpholine 1,1-Dioxide CAS RN: 90000-25-2	T2050  Thiomorpholinoacetic Acid 1,1'-Dioxide Monohydrate CAS RN: 155480-08-3	P1603  4-Phenylthiomorpholine 1,1-Dioxide CAS RN: 17688-68-5	H1063  4-(4-Hydroxyphenyl)-thiomorpholine 1,1-Dioxide CAS RN: 103661-13-8	D3162  4-(1,1-Dioxothiomorpholino)-benzaldehyde CAS RN: 27913-96-8
M1587  Methyl 4-(1,1-Dioxothiomorpholino)benzoate CAS RN: 451485-76-0	A1669  4-(4-Aminophenyl)-thiomorpholine 1,1-Dioxide CAS RN: 105297-10-7	C1935  4-(4-Chlorophenyl)-thiomorpholine 1,1-Dioxide CAS RN: 82222-74-0	B2614  4-(4-Bromophenyl)-thiomorpholine 1,1-Dioxide CAS RN: 1093878-42-2	B2434  4-Benzylthiomorpholine 1,1-Dioxide CAS RN: 26475-66-1
Quinolines, Isoquinolines				
	Q0005  2-Methylquinoline CAS RN: 91-63-4	M0782  3-Methylquinoline CAS RN: 612-58-8	L0024  4-Methylquinoline CAS RN: 491-35-0	M0416  6-Methylquinoline CAS RN: 91-62-3
M1180  7-Methylquinoline CAS RN: 612-60-2	M0419  8-Methylquinoline CAS RN: 611-32-5	F1034  6-Fluoroquinoline CAS RN: 396-30-5	F0300  6-Fluoro-2-methylquinoline CAS RN: 1128-61-6	F0519  7-Fluoro-2-methylquinoline CAS RN: 1128-74-1
F0038  5-Fluoro-8-quinolinol CAS RN: 387-97-3	C3062  4-Chloro-8-fluoroquinoline CAS RN: 63010-72-0	C2989  4-Chloro-6-fluoroquinoline CAS RN: 391-77-5	A0417  2-Aminoquinoline CAS RN: 580-22-3	A0418  3-Aminoquinoline CAS RN: 580-17-6
A2600  4-Aminoquinoline CAS RN: 578-68-7	A1370  6-Aminoquinoline CAS RN: 580-15-4	A0959  5-Aminoquinoline CAS RN: 611-34-7	A0419  8-Aminoquinoline CAS RN: 578-66-5	T0113  1,2,3,4-Tetrahydroquinoline CAS RN: 635-46-1
M1302  6-Methyl-1,2,3,4-tetrahydroquinoline CAS RN: 91-61-2	T0112  1,2,3,4-Tetrahydroquinaldine CAS RN: 1780-19-4	T1408  5,6,7,8-Tetrahydro-2-methylquinoline CAS RN: 2617-98-3	I0182  Isoquinoline CAS RN: 119-65-3	M0298  1-Methylisoquinoline CAS RN: 1721-93-3

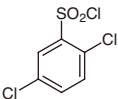
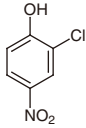
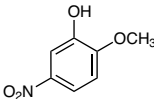
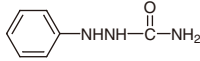
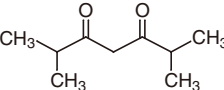
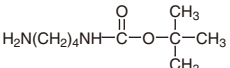
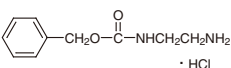
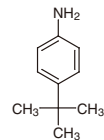
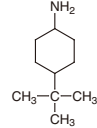
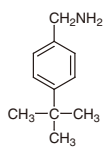
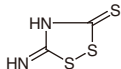
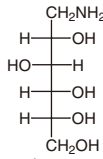
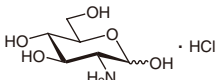
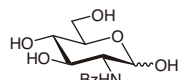
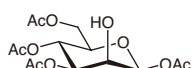
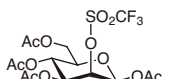
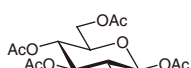
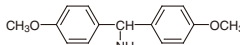
T1676  1,2,3,4-Tetrahydroisoquinoline CAS RN: 91-21-4	T1230  5,6,7,8-Tetrahydroisoquinoline CAS RN: 36556-06-6	Fluorinated Heterocycles	F0217  2-Fluoropyridine CAS RN: 372-48-5	F0207  3-Fluoropyridine CAS RN: 372-47-4
A2976  2-Amino-4-fluoropyridine CAS RN: 944401-77-8	D3892  2,3-Difluoropyridine CAS RN: 1513-66-2	D4173  2,4-Difluoropyridine CAS RN: 34941-90-7	D4174  2,5-Difluoropyridine CAS RN: 84476-99-3	D1741  2,6-Difluoropyridine CAS RN: 1513-65-1
D4038  3,5-Difluoropyridine CAS RN: 71902-33-5	T2778  2,3,5-Trifluoropyridine CAS RN: 76469-41-5	T1778  2,3,5,6-Tetrafluoropyridine CAS RN: 2875-18-5	P0926  Pentafluoropyridine CAS RN: 700-16-3	C2515  3-Chloro-2-fluoropyridine CAS RN: 1480-64-4
C2303  5-Chloro-2-fluoropyridine CAS RN: 1480-65-5	C2447  2-Chloro-3-fluoropyridine CAS RN: 17282-04-1	C2270  2-Chloro-5-fluoropyridine CAS RN: 31301-51-6	C2627  2-Chloro-4-fluoropyridine CAS RN: 34941-91-8	D3317  3,5-Dichloro-2-fluoropyridine CAS RN: 823-56-3
C2113  5-Chloro-2,3-difluoropyridine CAS RN: 89402-43-7	D2057  3,5-Dichloro-2,4,6-trifluoropyridine CAS RN: 1737-93-5	C1549  3-Chloro-2,4,5,6-tetrafluoropyridine CAS RN: 1735-84-8	B3721  3-Bromo-2-fluoropyridine CAS RN: 36178-05-9	B2705  5-Bromo-2-fluoropyridine CAS RN: 766-11-0
B3667  2-Bromo-6-fluoropyridine CAS RN: 144100-07-2	B3666  2-Bromo-3-fluoropyridine CAS RN: 40273-45-8	B3244  3-Bromo-5-fluoropyridine CAS RN: 407-20-5	B2799  2-Bromo-5-fluoropyridine CAS RN: 41404-58-4	F0733  2-Fluoro-3-iodopyridine CAS RN: 113975-22-7
F0773  2-Fluoro-4-iodopyridine CAS RN: 113975-22-7	F0523  2-Fluoro-5-iodopyridine CAS RN: 171197-80-1	F0533  2-Fluoro-3-methylpyridine CAS RN: 2369-18-8	F0579  2-Fluoro-4-methylpyridine CAS RN: 461-87-0	F0581  2-Fluoro-5-methylpyridine CAS RN: 2369-19-9
F0520  2-Fluoro-6-methylpyridine CAS RN: 407-22-7	F0852  3-Fluoro-4-methylpyridine CAS RN: 399-88-2	B3775  5-Bromo-2-fluoro-3-methylpyridine CAS RN: 29312-98-9	B3579  5-Bromo-2-fluoro-4-methylpyridine CAS RN: 864830-16-0	B4122  3-Bromo-2-fluoro-5-methylpyridine CAS RN: 17282-01-8

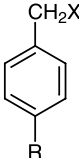
C2538  3-Cyano-2-fluoropyridine CAS RN: 3939-13-7	D3972  2,6-Dichloro-5-fluoro-3-pyridinecarbonitrile CAS RN: 82671-02-1	A2384  5-Amino-2-fluoropyridine CAS RN: 1827-27-6	A2383  4-Amino-3-fluoropyridine CAS RN: 2247-88-3	A1664  2-Amino-5-fluoropyridine CAS RN: 21717-96-4
A1546  4-Amino-2,3,5,6-tetrafluoropyridine CAS RN: 1682-20-8	D2610  2,6-Dichloro-5-fluoronicotinic Acid CAS RN: 82671-06-5	F0575  2-Fluoronicotinic Acid CAS RN: 393-55-5	F0693  2-Fluoroisonicotinic Acid CAS RN: 402-65-3	F0738  5-Fluoronicotinic Acid CAS RN: 402-66-4
F0695  6-Fluoronicotinic Acid CAS RN: 403-45-2	F0837  6-Fluoro-2-pyridinecarboxylic Acid CAS RN: 402-69-7	F0838  5-Fluoro-2-pyridinecarboxylic Acid CAS RN: 107504-08-5	F0739  2-Fluoropyridine-3-boronic Acid CAS RN: 174669-73-9	F0770  2-Fluoropyridine-5-boronic Acid CAS RN: 351019-18-6
F0859  5-Fluoropyridine-3-boronic Acid CAS RN: 872041-86-6	D4006  2,6-Difluoro-3-pyridineboronic Acid CAS RN: 136466-94-9	M2299  2-Mercapto-5-(trifluoromethyl)pyridine CAS RN: 76041-72-0	T2061  3,5,6-Trifluoro-2-hydroxypyridine CAS RN: 75777-49-0	F0886  2-Fluoro-3-hydroxypyridine CAS RN: 174669-74-0
C2655  2-Cyano-3-fluoropyridine CAS RN: 97509-75-6	C2753  2-Cyano-3,5-difluoropyridine CAS RN: 298709-29-2	T2786  3-(Trifluoromethyl)pyridine CAS RN: 3796-23-4	F0846  2-Fluoro-5-(trifluoromethyl)pyridine CAS RN: 69045-82-5	F0826  2-Fluoro-6-(trifluoromethyl)pyridine CAS RN: 94239-04-0
A1816  5-Amino-2-(trifluoromethyl)pyridine CAS RN: 106877-33-2	A1968  2-Amino-5-(trifluoromethyl)pyridine CAS RN: 74784-70-6	A2168  2-Amino-4-(trifluoromethyl)pyridine CAS RN: 106447-97-6	A2435  2-Amino-6-(trifluoromethyl)pyridine CAS RN: 34486-24-3	C2698  5-Cyano-2-(trifluoromethyl)pyridine CAS RN: 216431-85-5
T2838  6-(Trifluoromethyl)-3-pyridinecarboxaldehyde CAS RN: 386704-12-7	M2191  2-Methoxy-3-(trifluoromethyl)pyridine CAS RN: 121643-44-5	C1194  2-Chloro-5-(trifluoromethyl)pyridine CAS RN: 52334-81-3	C2568  2-Chloro-4-(trifluoromethyl)pyridine CAS RN: 81565-18-6	T2203  6-(Trifluoromethyl)-nicotinic Acid CAS RN: 231291-22-8
T2975  5-(Trifluoromethyl)-2-pyridinecarboxylic Acid CAS RN: 80194-69-0	A1157  2-Amino-3-chloro-5-trifluoromethylpyridine CAS RN: 79456-26-1	C2671  3-Chloro-2-fluoro-5-(trifluoromethyl)pyridine CAS RN: 72537-17-8	B2395  2,6-Bis(trifluoromethyl)pyridine CAS RN: 455-00-5	D2214  2,3-Dichloro-5-(trifluoromethyl)pyridine CAS RN: 69045-84-7

C2425 2-Chloro-6-(trifluoromethyl)-nicotinic Acid CAS RN: 280566-45-2	B3179 2-Bromo-3-(trifluoromethyl)pyridine CAS RN: 175205-82-0	B3451 5-Bromo-2-(trifluoromethyl)pyridine CAS RN: 436799-32-5	B3759 2-Bromo-6-(trifluoromethyl)pyridine CAS RN: 189278-27-1	B3685 5-Bromo-2-fluoropyrimidine CAS RN: 62802-38-4
A2522 2-Amino-4-(trifluoromethyl)pyrimidine CAS RN: 16075-42-6	A2125 4-Amino-5-fluoro-2-methoxypyrimidine CAS RN: 1993-63-1	F0547 5-Fluoro-2-methoxy-4-pyrimidinone CAS RN: 1480-96-2	D3374 2,4-Dichloro-5-fluoropyrimidine CAS RN: 2927-71-1	F0382 5-Fluoroorotic Acid Monohydrate CAS RN: 220141-70-8
F0818 <i>trans</i> -4-Fluoro-L-proline CAS RN: 2507-61-1	B3178 (2 <i>S</i> ,4 <i>S</i>)-1-(<i>tert</i> -Butoxycarbonyl)-4-fluoro-2-pyrrolidinecarboxylic Acid CAS RN: 203866-13-1	B3177 (2 <i>S</i> ,4 <i>R</i>)-1-(<i>tert</i> -Butoxycarbonyl)-4-fluoro-2-pyrrolidinecarboxylic Acid CAS RN: 203866-14-2	D3979 4-(2,4-Difluorobenzoyl)-piperidine Hydrochloride CAS RN: 106266-04-0	F0849 3-Fluoro-4-morpholinoaniline CAS RN: 93246-53-8
T2342 3,3,4,4-Tetrafluoropyrrolidine Hydrochloride CAS RN: 1810-13-5	D4051 2,2-Difluoro-1,3-benzodioxole CAS RN: 1583-59-1	B3781 5-Bromo-2,2-difluoro-1,3-benzodioxole CAS RN: 33070-32-5	M2295 Methyl 3-Fluoro-2-thiophenecarboxylate CAS RN: 100421-52-1	F0850 3-Fluoro-2-thiophenecarboxylic Acid CAS RN: 32431-84-8
F0556 4-Fluoroindole CAS RN: 387-43-9	F0555 7-Fluoroindole CAS RN: 387-44-0	F0369 5-Fluoroindole CAS RN: 399-52-0	F0352 6-Fluoroindole CAS RN: 399-51-9	F0699 5-Fluorooxindole CAS RN: 56341-41-4
F0589 5-Fluoroisatin CAS RN: 443-69-6	F0551 7-Fluoroisatin CAS RN: 317-20-4	F0420 5-Fluoro-2-methyl-benzoxazole CAS RN: 701-16-6	F0735 6-Fluoro-3-(4-piperidinyl)-1,2-benzisoxazole CAS RN: 84163-77-9	A1993 2-Amino-6-fluorobenzothiazole CAS RN: 348-40-3
A2461 2-Amino-6-(trifluoromethyl)-benzothiazole CAS RN: 777-12-8	F0349 3-Fluorophthalic Anhydride CAS RN: 652-39-1	F0322 4-Fluorophthalic Anhydride CAS RN: 319-03-9	F0702 4-Fluoro-2,1,3-benzoxadiazole CAS RN: 29270-55-1	F0819 (E)-3-[3-(4-Fluorophenyl)-1-isopropylindol-2-yl]acrolein CAS RN: 93957-50-7
F0867 4-(4-Fluorophenyl)-6-isopropyl-2-(<i>N</i> -methyl- <i>N</i> -methanesulfonylamino)-5-pyrimidinecarboxaldehyde CAS RN: 147118-37-4	T2384 2-(Trifluoromethyl)-thioxanthen-9-one CAS RN: 1693-28-3	F0647 2-Fluoroadenine CAS RN: 700-49-2	C2221 6-Chloro-2-fluoropurine CAS RN: 1651-29-2	

F0656  2-Fluoroadenosine CAS RN: 146-78-1	F0534  5-Fluorocytidine CAS RN: 2341-22-2	D3614  2'-Deoxy-2'-fluorocytidine CAS RN: 10212-20-1	D3642  2'-Deoxy-5-fluorocytidine CAS RN: 10356-76-0	D3615  2'-Deoxy-2'-fluorouridine CAS RN: 784-71-4
D2235  2'-Deoxy-5-fluorouridine CAS RN: 50-91-9	Heterocycles			A1207  Methyl Aziridine-2-carboxylate (stabilized with HQ) CAS RN: 5950-34-5
E0350  (±)-trans-Epoxy succinic Acid CAS RN: 141-36-6	B2174  (R)-1-(tert-Butoxycarbonyl)-2-azetidinemethanol CAS RN: 161511-90-6			
B2123  (S)-1-(tert-Butoxycarbonyl)-2-azetidinemethanol CAS RN: 161511-85-9	B3540  1-(tert-Butoxycarbonyl)-azetidine-3-carboxylic Acid CAS RN: 142253-55-2	D2026  4,5-Dicyanoimidazole CAS RN: 1122-28-7	A1265  2-Acetylthiazole CAS RN: 24295-03-2	B2934  3-Bromothiophene-2-carboxaldehyde CAS RN: 930-96-1
P0992  4-Piperidineethanol CAS RN: 622-26-4	B2319  4-(tert-Butoxycarbonylamino)piperidine CAS RN: 73874-95-0	A1517  4-(2-Aminoethyl)-1-benzylpiperidine CAS RN: 86945-25-7	B2415  1-(tert-Butoxycarbonyl)piperazine CAS RN: 57260-71-6	C1104  Comanic Acid CAS RN: 499-05-8
D2066  1,4-Dioxane-2,3-diol CAS RN: 4845-50-5	E0561  4-Ethynylpyridine CAS RN: 2510-22-7	A1264  4-(2-Aminoethyl)pyridine CAS RN: 13258-63-4	H0888  2-Hydrazinopyridine CAS RN: 4930-98-7	B0653  4-Bromopyridine Hydrochloride CAS RN: 19524-06-2
C1360  4-Chloro-2-pyridinecarboxylic Acid CAS RN: 5470-22-4	B1894  2-Bromo-3-methylpyridine CAS RN: 3430-17-9	B2113  2-Bromo-5-methylpyridine CAS RN: 3510-66-5	B2114  2-Bromo-6-methylpyridine CAS RN: 5315-25-3	B2625  2-Bromonicotinaldehyde CAS RN: 128071-75-0
B2674  2-Bromo-3-pyridinemethanol CAS RN: 131747-54-1	A2048  3-Aminopyridazine CAS RN: 5469-70-5	A1817  3-Amino-6-chloropyridazine CAS RN: 5469-69-2	O0164  Potassium Oxonate CAS RN: 2207-75-2	I0394  (±)-Indoline-2-carboxylic Acid CAS RN: 78348-24-0
D2317  5,6-Diacetoxyindole CAS RN: 15069-79-1	H0289  1-Hydroxyphenazine CAS RN: 528-71-2	B0863  2,4'-Bipyridyl CAS RN: 581-47-5	Amidines	
				F0103  Formamidinium Hydrochloride CAS RN: 6313-33-3

F0154 Formamidine Acetate CAS RN: 3473-63-0	A0008 Acetamidine Hydrochloride CAS RN: 124-42-5	C3199 Chloroformamidine Hydrochloride CAS RN: 29671-92-9	A1361 Aminoacetamidine Dihydrobromide CAS RN: 69816-37-1	P1761 Pivalamidine Hydrochloride CAS RN: 18202-73-8
C3090 4-Chlorobenzamidine Hydrochloride CAS RN: 14401-51-5	C2344 Cyclopropanecarboxamidine Hydrochloride CAS RN: 57297-29-7	A2055 1-Amidinopyrazole Hydrochloride CAS RN: 4023-02-3	B0013 Benzamidine Hydrochloride CAS RN: 1670-14-0	B4161 4-Bromobenzamidine Hydrochloride CAS RN: 55368-42-8
A2115 4-Aminobenzamidine Dihydrochloride CAS RN: 2498-50-2	P2167 3-Carbamimidoylpyridine Monohydrochloride CAS RN: 7356-60-7	H1510 4-Hydroxybenzamidine Hydrochloride CAS RN: 38148-63-9	M2714 4-Methylbenzamidine Hydrochloride CAS RN: 6326-27-8	4-Amino Substituted Cyclohexanecarboxylic Acids
A1278 4-Aminocyclohexanecarboxylic Acid (cis- and trans- mixture) CAS RN: 1776-53-0	A1448 cis-4-Aminocyclohexanecarboxylic Acid CAS RN: 3685-23-2	A1656 trans-4-Aminocyclohexanecarboxylic Acid CAS RN: 3685-25-4	B3248 4-(tert-Butoxycarbonylamino)-cyclohexanecarboxylic Acid (cis- and trans- mixture) CAS RN: 130309-46-5	B3249 cis-4-(tert-Butoxycarbonylamino)-cyclohexanecarboxylic Acid CAS RN: 53292-90-3
B3250 trans-4-(tert-Butoxycarbonylamino)-cyclohexanecarboxylic Acid CAS RN: 53292-89-0	C2036 trans-4-(Carbobenzoxyamino)-cyclohexanecarboxylic Acid CAS RN: 34771-04-5	M1985 Methyl cis-4-Aminocyclohexanecarboxylate Hydrochloride CAS RN: 61367-16-6	M1986 Methyl trans-4-Aminocyclohexanecarboxylate Hydrochloride CAS RN: 61367-07-5	Biphenyls
B0467 2-Aminobiphenyl CAS RN: 90-41-5	B0987 3-Aminobiphenyl CAS RN: 2243-47-2	B1847 4-Bromomethylbiphenyl CAS RN: 2567-29-5	H0523 4-Cyano-4'-hydroxybiphenyl CAS RN: 19812-93-2	Others
B1058 Bromoacetonitrile CAS RN: 590-17-0	C0991 Sodium Chlorodifluoroacetate CAS RN: 1895-39-2	C0205 Carboxymethoxylamine Hemihydrochloride CAS RN: 2921-14-4	C0701 2-Chloroacrylonitrile (stabilized with HQ) CAS RN: 920-37-6	M0986 N-(2-Methoxyethyl)-methylamine CAS RN: 38256-93-8
D0959 Divinyl Sulfone (stabilized with HQ) CAS RN: 77-77-0	G0242 Ethyl Glycolate CAS RN: 623-50-7	H0471 3-Hydroxy-3-methyl-2-butanone CAS RN: 115-22-0	L0104 DL-Leucic Acid CAS RN: 498-36-2	D1652 N,N-Dimethylacetamide Dimethyl Acetal (stabilized with 5-10% Methanol) CAS RN: 18871-66-4

D2244  2,5-Dichlorobenzenesulfonyl Chloride CAS RN: 5402-73-3	C0227  2-Chloro-4-nitrophenol CAS RN: 619-08-9	N0498  5-Nitroguaiacol CAS RN: 636-93-1	H1214 $\text{CH}\equiv\text{C}(\text{CH}_2)_4\text{CN}$ 6-Heptynenitrile CAS RN: 15295-69-9	P0227  1-Phenylsemicarbazide CAS RN: 103-03-7
D2413  2,6-Dimethyl-3,5-heptanedione CAS RN: 18362-64-6	A1373  N-(tert-Butoxycarbonyl)-1,4-diaminobutane CAS RN: 68076-36-8	C1511  N-Carbobenzoxy-1,2-diaminoethane Hydrochloride CAS RN: 18807-71-1	B1900  4-tert-Butylaniline CAS RN: 769-92-6	B1084  4-tert-Butylcyclohexylamine (cis- and trans- mixture) CAS RN: 5400-88-4
B1587  4-tert-Butylbenzylamine CAS RN: 39895-55-1	X0001  Xanthane Hydride CAS RN: 6846-35-1	G0252  D-Glucamine CAS RN: 488-43-7	G0044  D-(+)-Glucosamine Hydrochloride CAS RN: 66-84-2	B0200  N-Benzoyl-D-glucosamine CAS RN: 655-42-5
T1459  1,3,4,6-Tetra-O-acetyl-beta-D-mannopyranose CAS RN: 18968-05-3	T2307  1,3,4,6-Tetra-O-acetyl-2-O-(trifluoromethanesulfonyl)-beta-D-mannopyranose CAS RN: 92051-23-5	P0028  Penta-O-acetyl-beta-D-glucopyranose CAS RN: 604-69-3	D2202  4,4'-Dimethoxy-benzhydrylamine CAS RN: 19293-62-0	

α,ω-Alkane-diamines	$\text{NH}_2(\text{CH}_2)_n\text{NH}_2$ $n=2-12$	Ethylenediamine Anhydrous 1,3-Diaminopropane 1,4-Diaminobutane 1,5-Diaminopentane 1,6-Diaminohexane 1,7-Diaminoheptane 1,8-Diaminooctane 1,10-Diaminodecane 1,11-Diaminoundecane 1,12-Diaminododecane	CAS RN: 107-15-3 CAS RN: 109-76-2 CAS RN: 110-60-1 CAS RN: 462-94-2 CAS RN: 124-09-4 CAS RN: 646-19-5 CAS RN: 373-44-4 CAS RN: 646-25-3 CAS RN: 822-08-2 CAS RN: 2783-17-7	[E0077] [D0114] [D0239] [D0108] [D0095] [D0094] [D0107] [D0085] [D2075] [D0091]
ω-Amino-alkanols	$\text{NH}_2(\text{CH}_2)_n\text{OH}$ $n=2-6, 8, 10, 12$	2-Aminoethanol 2-Aminoethanol Hydrochloride 3-Amino-1-propanol 3-Amino-1-propanol Hydrochloride 4-Amino-1-butanol 5-Amino-1-pentanol 6-Amino-1-hexanol 8-Amino-1-octanol 10-Amino-1-decanol 12-Amino-1-dodecanol	CAS RN: 141-43-5 CAS RN: 2002-24-6 CAS RN: 156-87-6 CAS RN: 14302-46-6 CAS RN: 13325-10-5 CAS RN: 2508-29-4 CAS RN: 4048-33-3 CAS RN: 19008-71-0 CAS RN: 23160-46-5 CAS RN: 67107-87-3	[A0297] [A0298] [A0438] [A0407] [A1013] [A0875] [A1027] [A1522] [A1523] [A1524]
ω-Halo-alkanols	$\text{X}(\text{CH}_2)_n\text{OH}$ $n=2-12$ $\text{X}=\text{Br}, \text{Cl}$	2-Bromoethanol 3-Bromo-1-propanol 3-Chloro-1-propanol 4-Bromo-1-butanol 4-Chloro-1-butanol 5-Bromo-1-pentanol 5-Chloro-1-pentanol 6-Bromo-1-hexanol 6-Chloro-1-hexanol 7-Bromo-1-heptanol 8-Bromo-1-octanol 8-Chloro-1-octanol 9-Bromo-1-nonanol 10-Bromo-1-decanol 11-Bromo-1-undecanol 12-Bromo-1-dodecanol	CAS RN: 540-51-2 CAS RN: 627-18-9 CAS RN: 627-30-5 CAS RN: 33036-62-3 CAS RN: 928-51-8 CAS RN: 34626-51-2 CAS RN: 5259-98-3 CAS RN: 4286-55-9 CAS RN: 2009-83-8 CAS RN: 10160-24-4 CAS RN: 50816-19-8 CAS RN: 23144-52-7 CAS RN: 55362-80-6 CAS RN: 53463-68-6 CAS RN: 1611-56-9 CAS RN: 3344-77-2	[B0590] [B0641] [C0270] [B1885] [C0144] [B1848] [C0815] [B1822] [C0801] [B1852] [B1729] [C2448] [B1785] [B1730] [B1477] [B1731]
1,2-Alkanediols	$\text{CH}_3(\text{CH}_2)_n\text{CH}(\text{OH})\text{CH}_2\text{OH}$ $n=0-7, 9, 11, 13$	(R)-(-)-1,2-Propanediol (S)-(+)-1,2-Propanediol 1,2-Butanediol 1,2-Pentanediol 1,2-Hexanediol 1,2-Heptanediol 1,2-Octanediol 1,2-Nonanediol 1,2-Decanediol 1,2-Dodecanediol 1,2-Tetradecanediol 1,2-Hexadecanediol	CAS RN: 4254-14-2 CAS RN: 4254-15-3 CAS RN: 584-03-2 CAS RN: 5343-92-0 CAS RN: 6920-22-5 CAS RN: 3710-31-4 CAS RN: 1117-86-8 CAS RN: 42789-13-9 CAS RN: 1119-86-4 CAS RN: 1119-87-5 CAS RN: 21129-09-9 CAS RN: 6920-24-7	[P1152] [P1129] [B0804] [P1178] [H0688] [H0948] [O0277] [N0651] [D2720] [D1861] [T1353] [H0993]
1,2,ω-Alkanetriols	$\text{HO}(\text{CH}_2)_n\text{CH}(\text{OH})\text{CH}_2\text{OH}$ $n=2-8$	1,2,4-Butanetriol 1,2,5-Pentanetriol 1,2,6-Hexanetriol 1,2,7-Heptanetriol 1,2,8-Octanetriol 1,2,9-Nonanetriol 1,2,10-Decanetriol	CAS RN: 3068-00-6 CAS RN: 14697-46-2 CAS RN: 106-69-4 CAS RN: 37939-50-7 CAS RN: 382631-43-8 CAS RN: 382631-42-7 CAS RN: 91717-85-0	[B0687] [P1350] [H0104] [H0957] [O0279] [N0652] [D2721]
Benzyl Halides	 $\text{X}=\text{Br}, \text{Cl}$ $\text{R}=\text{Br}, \text{Cl}, \text{F}, \text{I}, \text{CN}, \text{NO}_2, \text{CF}_3$	4-Bromobenzyl Bromide 4-Bromobenzyl Chloride 4-Chlorobenzyl Bromide 4-Chlorobenzyl Chloride 4-Fluorobenzyl Bromide 4-Fluorobenzyl Chloride 4-Iodobenzyl Bromide 4-Cyanobenzyl Bromide 4-Cyanobenzyl Chloride 4-Nitrobenzyl Bromide 4-Nitrobenzyl Chloride 4-(Trifluoromethyl)benzyl Bromide 4-(Trifluoromethyl)benzyl Chloride	CAS RN: 589-15-1 CAS RN: 589-17-3 CAS RN: 622-95-7 CAS RN: 104-83-6 CAS RN: 459-46-1 CAS RN: 352-11-4 CAS RN: 16004-15-2 CAS RN: 17201-43-3 CAS RN: 874-86-2 CAS RN: 100-11-8 CAS RN: 100-14-1 CAS RN: 402-49-3 CAS RN: 939-99-1	[B1002] [B3042] [B0576] [D0421] [F0214] [F0204] [I0571] [C1398] [C1985] [N0181] [C0229] [T1313] [T2488]

Ordering and Customer Service

TCI AMERICA

Tel : 800-423-8616 / 503-283-1681
Fax : 888-520-1075 / 503-283-1987
E-mail : Sales-US@TCIchemicals.com

TCI EUROPE N.V.

Tel : +32 (0)3 735 07 00
Fax : +32 (0)3 735 07 01
E-mail : Sales-EU@TCIchemicals.com

TCI Deutschland GmbH

Tel : +49 (0)6196 64053-00
Fax : +49 (0)6196 64053-01
E-mail : Sales-DE@TCIchemicals.com

Tokyo Chemical Industry UK Ltd.

Tel : +44 (0)1865 78 45 60
E-mail : Sales-UK@TCIchemicals.com

TCI Chemicals (India) Pvt. Ltd.

Tel : 1800 425 7889 / 044-2262 0909
E-mail : Sales-IN@TCIchemicals.com

梯希爱(上海)化成工业发展有限公司

Tel : 800-988-0390 / 021-67121386
Fax : 021-6712-1385
E-mail : Sales-CN@TCIchemicals.com

TOKYO CHEMICAL INDUSTRY CO., LTD.

Tel : +81 (0)3-5640-8878
E-mail : globalbusiness@TCIchemicals.com

Availability, price or specification of the listed products are subject to change without prior notice. Reproduction forbidden without the prior written consent of Tokyo Chemical Industry Co., Ltd.