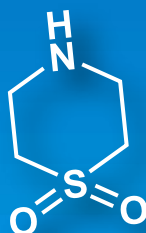
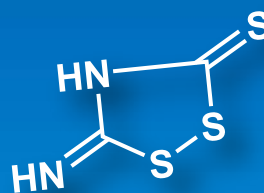
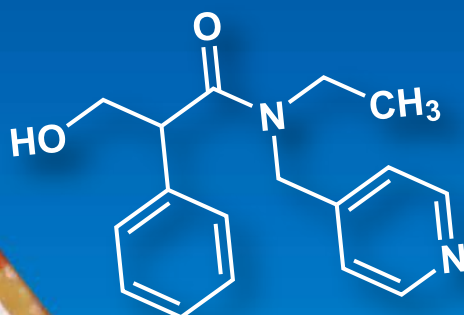
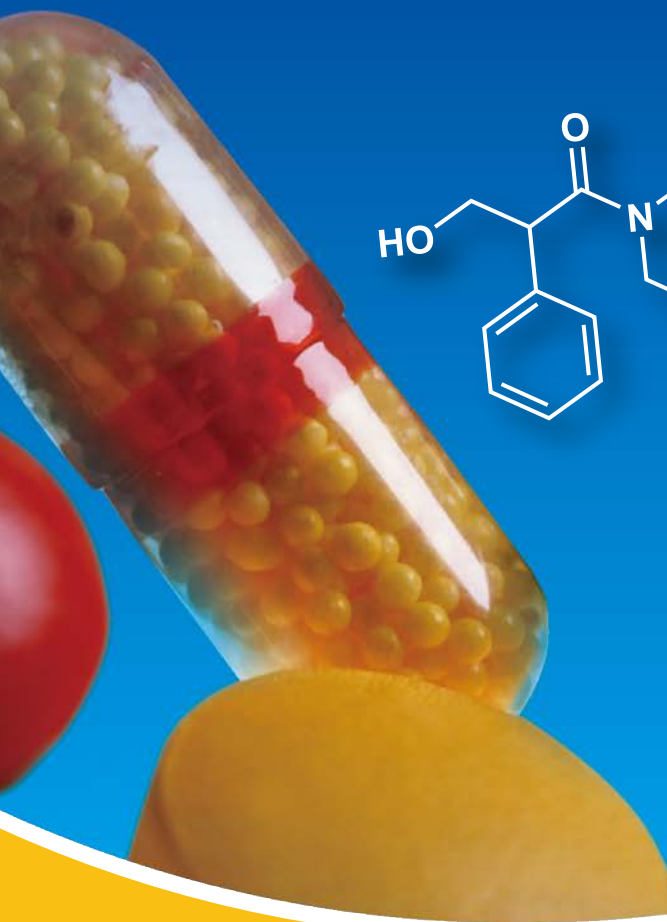


Bulk Pharmaceutical Agents / Intermediates for Pharmaceuticals



Bulk Pharmaceutical Agents

Tropicamide
Acetylcholine Chloride
Neostigmine Methyl Sulfate
Neostigmine Bromide

Intermediates for pharmaceuticals

Aminopyrrolidines
3-Aminopiperidines
Thiomorpholine 1,1-Dioxides
Quinolines, Isoquinolines
Fluorinated Heterocycles
Heterocycles
Amidines
4-Amino Substituted Cyclohexanecarboxylic Acids
Biphenyls
 α,ω -Alkanediamines
 ω -Aminoalkanols
 ω -Haloalkanols
1,2-Alkanediols
1,2, ω -Alkanetriols
Benzyl Halides
Others

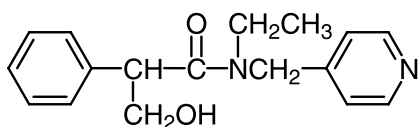
Bulk Pharmaceutical Agents / Intermediates for Pharmaceuticals

We manufacture high-purity bulk pharmaceutical agents such as Tropicamide and Neostigmine Methyl Sulfate 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 Agents

J3001



Tropicamide

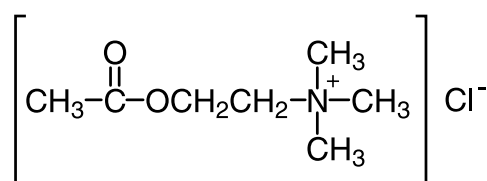
[1508-75-4]

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.

J3004



Acetylcholine Chloride

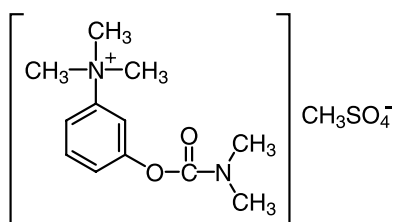
[60-31-1]

For exclusive manufacturing use

Being parasympathetic stimulant, it is mainly used in the treatment of vascular problems and diseases such as alopecia areata, vitiligo vulgaris, atony of smooth muscle organs, in particular, paralysis of intestinal tract followed by anesthetic treatment, Raynaud's disease, thromboangiitis obliterans, arteriosclerosis obliterans and the like.

Production capability is 100 kg or more.

J3002



Neostigmine Methyl Sulfate

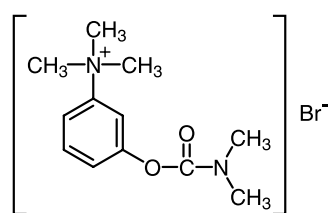
[51-60-5]

JP For exclusive manufacturing use

It is mainly used in the treatment of digestive organ disorders associated with hyposecretion of digestive juice and paralysis of intestinal tracts, dysuria, myasthenia and the like. It is added to eye drops as an ocular muscle regulating agent which acts on the parasympathetic nervous system and reduces the strains of eyeballs (applicable conditions: eyestrain, hyperaemia conjunctivae, visual blurring, blepharitis).

Production capability is 100 kg or more.

J3005



Neostigmine Bromide

[114-80-7]

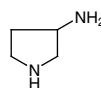
JPC For exclusive manufacturing use

It is mainly used in the treatment of digestive organ disorders associated with hyposecretion of digestive juice, gastric atony, gastrectasis, atonic constipation, etc. Moreover, it is used also in the treatment of paralysis of intestinal tracts and dysuria after a surgical operation and parturition, dyskinesia such as myasthenia and other muscular atrophy, and myasthenia ocularis.

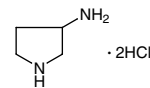
Production capability is 100 kg or more.

Intermediates for
pharmaceuticalsAmino-
pyrrolidines

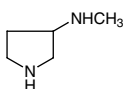
A1104

3-Aminopyrrolidine
[79286-79-6]

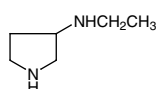
A1055

3-Aminopyrrolidine
Dihydrochloride
[103831-11-4]

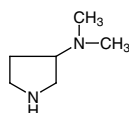
M1106

3-(Methylamino)-
pyrrolidine [83030-08-4]

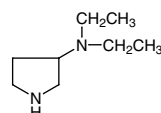
E0431

3-(Ethylamino)pyrrolidine
[111390-22-8]

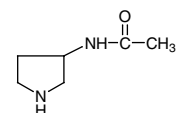
D1859

3-(Dimethylamino)-
pyrrolidine [69478-75-7]

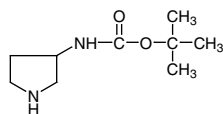
D1857

3-(Diethylamino)-
pyrrolidine [20984-81-0]

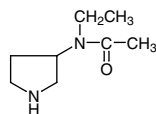
A1108

3-Acetamidopyrrolidine
[79286-74-1]

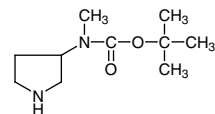
B1358

3-(*tert*-Butoxycarbonyl-
amino)pyrrolidine
[99724-19-3]

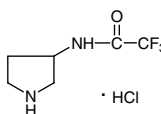
A1113

3-(*N*-Acetyl-*N*-ethyl-
amino)pyrrolidine
[115445-29-9]

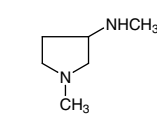
M1096

3-(*N*-*tert*-Butoxycarbonyl-
N-methylamino)pyrrolidine
[172478-00-1]

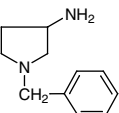
T1247

3-(Trifluoroacetamido)-
pyrrolidine Hydrochloride
[84424-06-6]

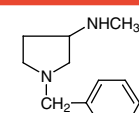
D1965

*N,N'*-Dimethyl-
3-aminopyrrolidine
[64021-83-6]

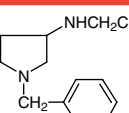
B1354

1-Benzyl-3-amino-
pyrrolidine [18471-40-4]

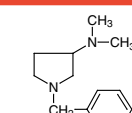
B1558

1-Benzyl-3-(methyl-
amino)pyrrolidine
[96568-35-3]

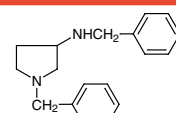
B1560

1-Benzyl-3-(ethylamino)-
pyrrolidine
[115445-21-1]

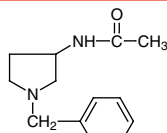
B1559

1-Benzyl-3-(dimethyl-
amino)pyrrolidine
[69478-77-9]

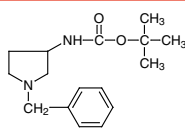
D1964

*N,N'*-Dibenzyl-
3-aminopyrrolidine
[108963-20-8]

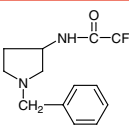
B1355

1-Benzyl-3-acetamido-
pyrrolidine [28506-01-6]

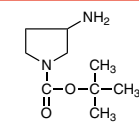
B1357

1-Benzyl-3-(*tert*-butoxy-
carbonylamino)pyrrolidine
[99735-30-5]

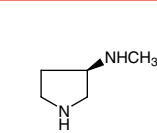
B1356

1-Benzyl-3-(trifluoro-
acetamido)pyrrolidine
[115445-23-3]

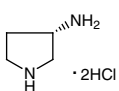
B3890

3-Amino-1-(*tert*-butoxy-
carbonyl)pyrrolidine
[186550-13-0]

M1107

(3*R*)-(+)-3-(Methylamino)-
pyrrolidine [139015-33-1]

A1054

(3*S*)-(+)-3-Aminopyrrolidine
Dihydrochloride
[116183-83-6]

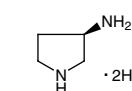
A1167

(3*R*)-(+)-3-Aminopyrrolidine
[116183-82-5]

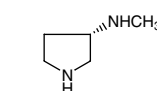
A1168

(3*S*)-(-)-3-Aminopyrrolidine
[128345-57-3]

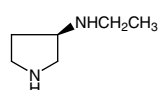
A1053

(3*R*)-(-)-3-Aminopyrrolidine
Dihydrochloride
[116183-81-4]

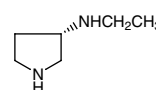
M1108

(3*S*)-(-)-3-(Methylamino)-
pyrrolidine [139015-32-0]

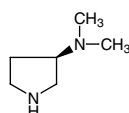
E0433

(3*R*)-(+)-3-(Ethylamino)-
pyrrolidine [381670-30-0]

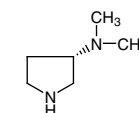
E0434

(3*S*)-(-)-3-(Ethylamino)-
pyrrolidine [381670-31-1]

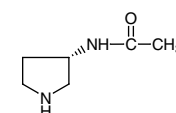
D2149

(3*R*)-(+)-3-(Dimethyl-
amino)pyrrolidine
[132958-72-6]

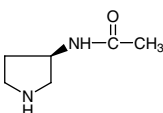
D2193

(3*S*)-(-)-3-(Dimethyl-
amino)pyrrolidine
[132883-44-4]

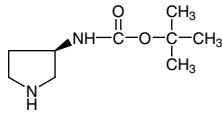
A1170

(3*S*)-(-)-3-Acetamido-
pyrrolidine [114636-31-6]

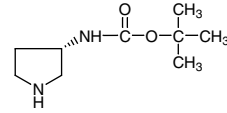
A1169

(3*R*)-(+)-3-Acetamido-
pyrrolidine [131900-62-4]

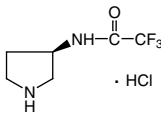
A1171

(3*R*)-(+)-3-(*tert*-Butoxycarbonyl-
amino)pyrrolidine
[122536-77-0]

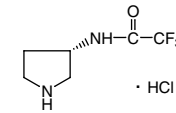
A1172

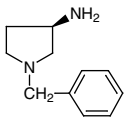
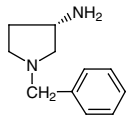
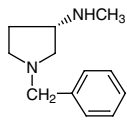
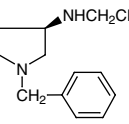
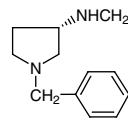
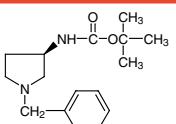
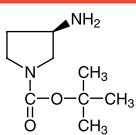
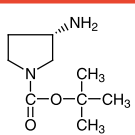
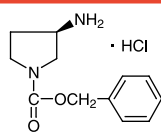
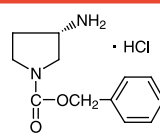
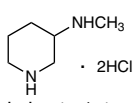
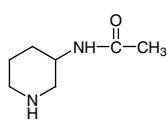
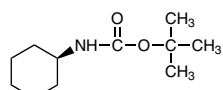
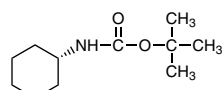
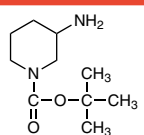
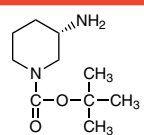
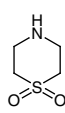
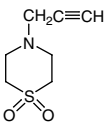
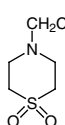
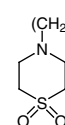
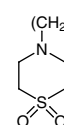
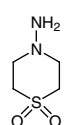
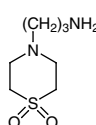
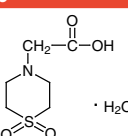
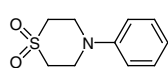
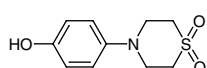
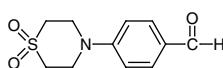
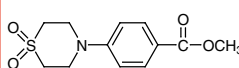
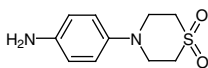
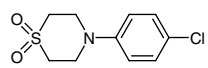
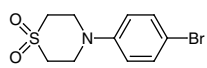
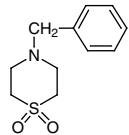
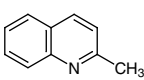
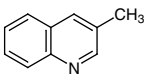
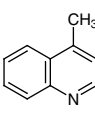
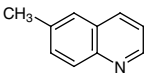
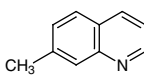
(3*S*)-(-)-3-(*tert*-Butoxycarbonyl-
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[122536-76-9]

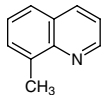
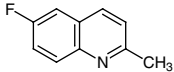
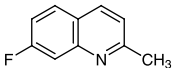
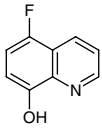
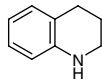
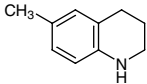
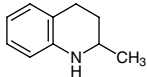
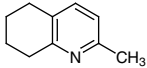
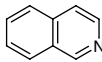
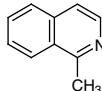
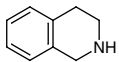
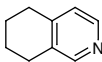

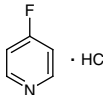


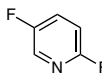
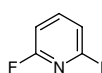
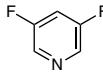
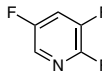
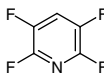
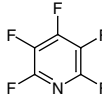

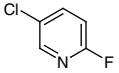

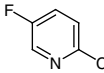
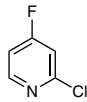
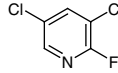
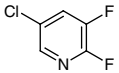
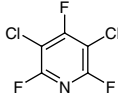
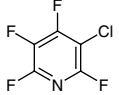

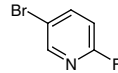
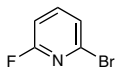

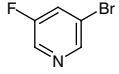
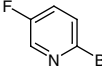

T1369

(3*R*)-(+)-3-(Trifluoroacetamido)-
pyrrolidine Hydrochloride
[141043-16-5]


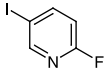


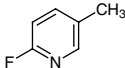
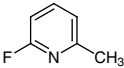

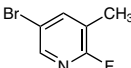
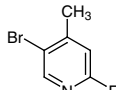
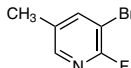

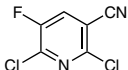
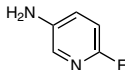


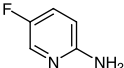
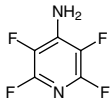
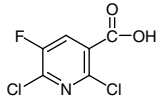
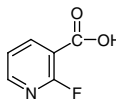
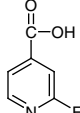
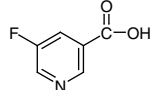
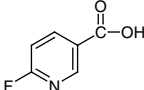
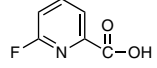
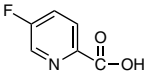
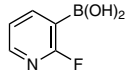
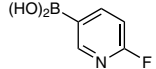
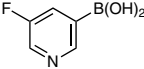
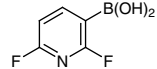
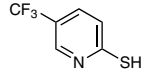
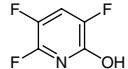


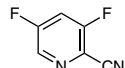

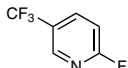
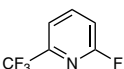
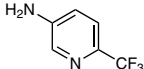
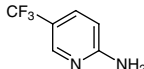

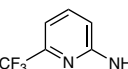
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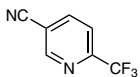
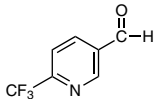
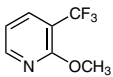

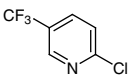
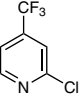
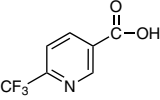
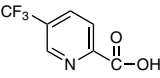
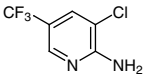
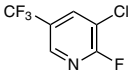
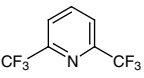
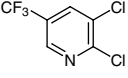
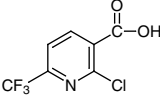

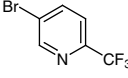
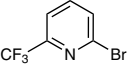

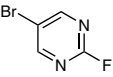

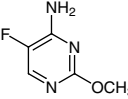
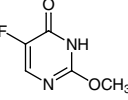
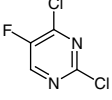
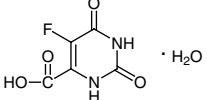
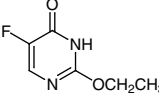
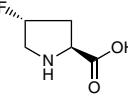
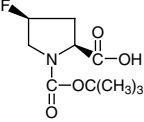
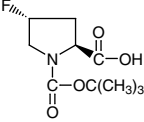
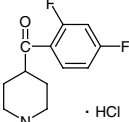
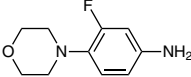
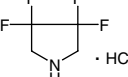
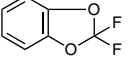
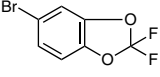
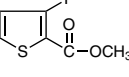
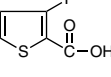


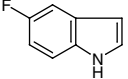
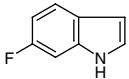
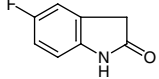
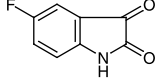
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pyrrolidine Hydrochloride
[132883-43-3]

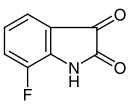
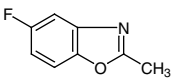
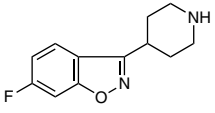
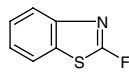
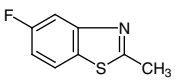
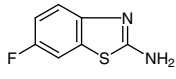
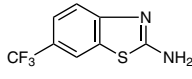
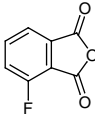
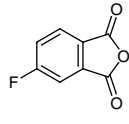
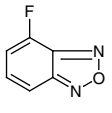
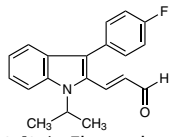
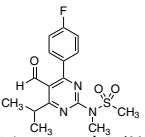
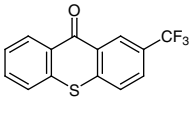
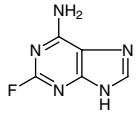
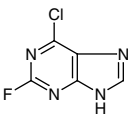
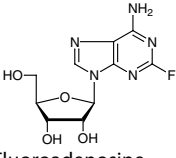
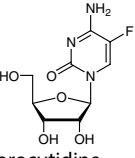
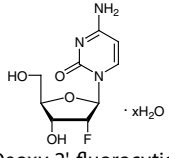
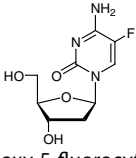
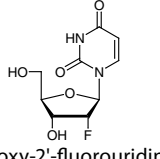
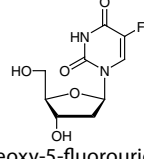
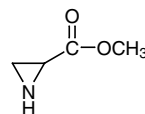
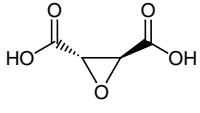
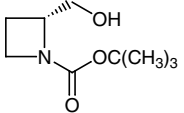
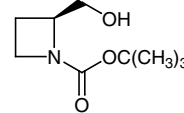
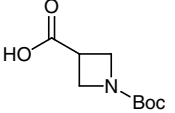
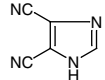
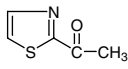
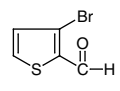
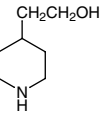
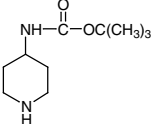
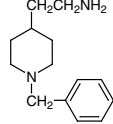
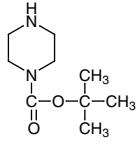
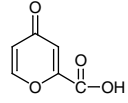
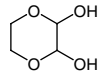
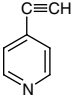
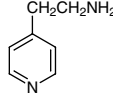
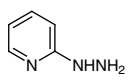
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<p>B1932</p>  <p>(3R)-(+)-1-Benzyl-3-(tert-butoxycarbonylamino)pyrrolidine [131878-23-4]</p>	<p>B2920</p>  <p>(3R)-(+)-1-(tert-Butoxycarbonyl)-3-aminopyrrolidine [147081-49-0]</p>	<p>B2921</p>  <p>(3S)-(-)-1-(tert-Butoxycarbonyl)-3-aminopyrrolidine [147081-44-5]</p>	<p>A2323</p>  <p>(R)-3-Amino-1-carbobenzoxy-pyrrolidine Hydrochloride [870621-17-3]</p>	<p>A2324</p>  <p>(S)-3-Amino-1-carbobenzoxy-pyrrolidine Hydrochloride [550378-39-7]</p>	
<p>3-Amino-piperidines</p>					
	<p>M2171</p>  <p>3-(Methylamino)piperidine Dihydrochloride [127294-77-3]</p>	<p>A1934</p>  <p>3-Acetamidopiperidine [5810-55-9]</p>	<p>B3591</p>  <p>(R)-3-(tert-Butoxycarbonylamino)-piperidine [309956-78-3]</p>	<p>B3660</p>  <p>(S)-3-(tert-Butoxycarbonylamino)-piperidine [216854-23-8]</p>	
<p>A2314</p>  <p>3-Amino-1-tert-butoxycarbonylpiperidine [184637-48-7]</p>	<p>A2335</p>  <p>(S)-3-Amino-1-tert-butoxycarbonylpiperidine [625471-18-3]</p>	<p>Thiomorpholine 1,1-Dioxides</p>		<p>T2193</p>  <p>Thiomorpholine 1,1-Dioxide [39093-93-1]</p>	
	<p>P1469</p>  <p>4-Propargylthiomorpholine 1,1-Dioxide [10442-03-2]</p>				
<p>H1140</p>  <p>4-(2-Hydroxyethyl)thiomorpholine 1,1-Dioxide [26475-62-7]</p>	<p>H1141</p>  <p>4-(3-Hydroxypropyl)thiomorpholine 1,1-Dioxide [205194-33-8]</p>	<p>H1142</p>  <p>4-(4-Hydroxybutyl)thiomorpholine 1,1-Dioxide [59801-41-1]</p>	<p>A1798</p>  <p>4-Aminothiomorpholine 1,1-Dioxide [26494-76-8]</p>	<p>A1804</p>  <p>4-(3-Aminopropyl)thiomorpholine 1,1-Dioxide [90000-25-2]</p>	
<p>T2050</p>  <p>Thiomorpholinoacetic Acid 1',1'-Dioxide Monohydrate [155480-08-3]</p>	<p>P1603</p>  <p>4-Phenylthiomorpholine 1,1-Dioxide [17688-68-5]</p>	<p>H1063</p>  <p>4-(4-Hydroxyphenyl)-thiomorpholine 1,1-Dioxide [103661-13-8]</p>	<p>D3162</p>  <p>4-(1,1-Dioxothiomorpholino)-benzaldehyde [27913-96-8]</p>	<p>M1587</p>  <p>Methyl 4-(1,1-Dioxothiomorpholino)benzoate [451485-76-0]</p>	
<p>A1669</p>  <p>4-(4-Aminophenyl)-thiomorpholine 1,1-Dioxide [105297-10-7]</p>	<p>C1935</p>  <p>4-(4-Chlorophenyl)-thiomorpholine 1,1-Dioxide [82222-74-0]</p>	<p>B2614</p>  <p>4-(4-Bromophenyl)-thiomorpholine 1,1-Dioxide [1093878-42-2]</p>	<p>B2434</p>  <p>4-Benzylthiomorpholine 1,1-Dioxide [26475-66-1]</p>	<p>Quinolines, Isoquinolines</p>	
<p>Q0005</p>  <p>2-Methylquinoline [91-63-4]</p>	<p>M0782</p>  <p>3-Methylquinoline [612-58-8]</p>	<p>L0024</p>  <p>Lepidine [491-35-0]</p>	<p>M0416</p>  <p>6-Methylquinoline [91-62-3]</p>	<p>M1180</p>  <p>7-Methylquinoline [612-60-2]</p>	

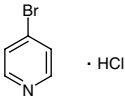
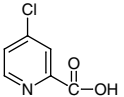
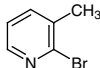
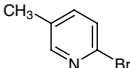
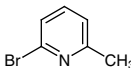
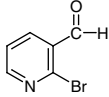
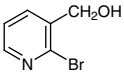
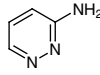
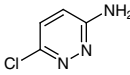
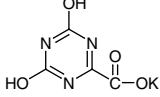
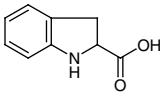
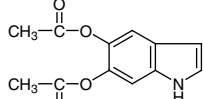
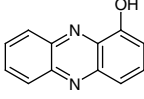
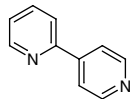
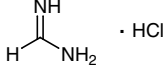
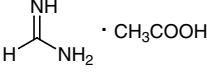
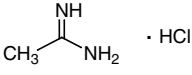
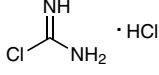
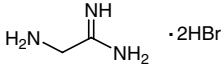
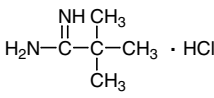
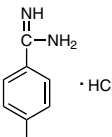
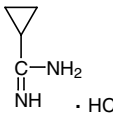
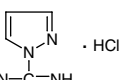
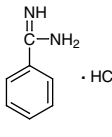
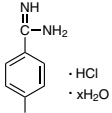
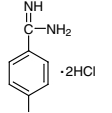
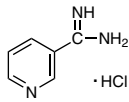
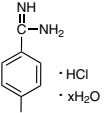
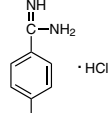
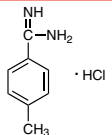
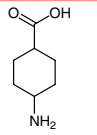
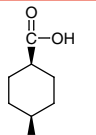
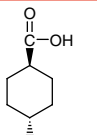
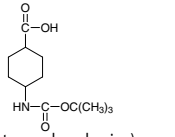
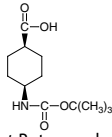
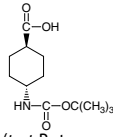
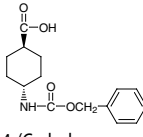
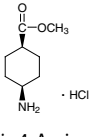
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<p>M1302</p>  <p>6-Methyl-1,2,3,4-tetrahydroquinoline [91-61-2]</p>	<p>T0112</p>  <p>1,2,3,4-Tetrahydroquinoline [1780-19-4]</p>	<p>T1408</p>  <p>5,6,7,8-Tetrahydro-2-methylquinoline [2617-98-3]</p>	<p>I0182</p>  <p>Isoquinoline [119-65-3]</p>	<p>M0298</p>  <p>1-Methylisoquinoline [1721-93-3]</p>
<p>T1676</p>  <p>1,2,3,4-Tetrahydroisoquinoline [91-21-4]</p>	<p>T1230</p>  <p>5,6,7,8-Tetrahydroisoquinoline [36556-06-6]</p>	<p>Fluorinated Heterocycles</p>		<p>F0217</p>  <p>2-Fluoropyridine [372-48-5]</p>
<p>F0628</p>  <p>4-Fluoropyridine Hydrochloride [39160-31-1]</p>	<p>D3892</p>  <p>2,3-Difluoropyridine [1513-66-2]</p>	<p>D4173</p>  <p>2,4-Difluoropyridine [34941-90-7]</p>	<p>D4174</p>  <p>2,5-Difluoropyridine [84476-99-3]</p>	<p>D1741</p>  <p>2,6-Difluoropyridine [1513-65-1]</p>
<p>D4038</p>  <p>3,5-Difluoropyridine [71902-33-5]</p>	<p>T2778</p>  <p>2,3,5-Trifluoropyridine [76469-41-5]</p>	<p>T1778</p>  <p>2,3,5,6-Tetrafluoropyridine [2875-18-5]</p>	<p>P0926</p>  <p>Pentafluoropyridine [700-16-3]</p>	<p>C2515</p>  <p>3-Chloro-2-fluoropyridine [1480-64-4]</p>
<p>C2303</p>  <p>5-Chloro-2-fluoropyridine [1480-65-5]</p>	<p>C2447</p>  <p>2-Chloro-3-fluoropyridine [17282-04-1]</p>	<p>C2270</p>  <p>2-Chloro-5-fluoropyridine [31301-51-6]</p>	<p>C2627</p>  <p>2-Chloro-4-fluoropyridine [34941-91-8]</p>	<p>D3317</p>  <p>3,5-Dichloro-2-fluoropyridine [823-56-3]</p>
<p>C2113</p>  <p>5-Chloro-2,3-difluoropyridine [89402-43-7]</p>	<p>D2057</p>  <p>3,5-Dichloro-2,4,6-trifluoropyridine [1737-93-5]</p>	<p>C1549</p>  <p>3-Chloro-2,4,5,6-tetrafluoropyridine [1735-84-8]</p>	<p>B3721</p>  <p>3-Bromo-2-fluoropyridine [36178-05-9]</p>	<p>B2705</p>  <p>5-Bromo-2-fluoropyridine [766-11-0]</p>
<p>B3667</p>  <p>2-Bromo-6-fluoropyridine [144100-07-2]</p>	<p>B3666</p>  <p>2-Bromo-3-fluoropyridine [40273-45-8]</p>	<p>B3244</p>  <p>3-Bromo-5-fluoropyridine [407-20-5]</p>	<p>B2799</p>  <p>2-Bromo-5-fluoropyridine [41404-58-4]</p>	<p>F0733</p>  <p>2-Fluoro-3-iodopyridine [113975-22-7]</p>

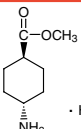
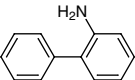
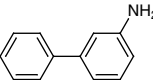
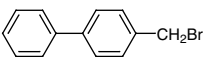
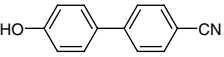

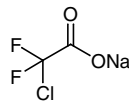
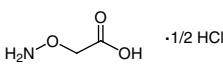
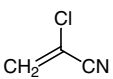
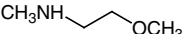
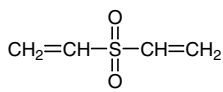
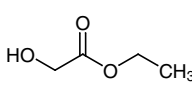
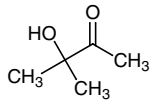
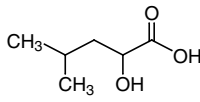
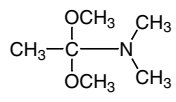
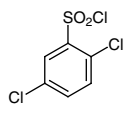
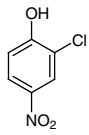
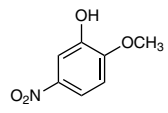
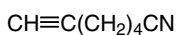
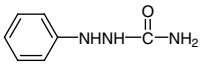
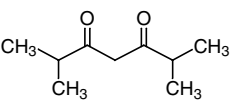
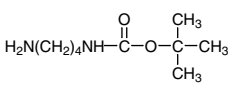
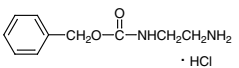
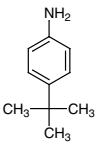
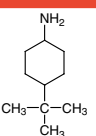
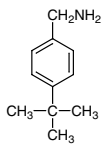
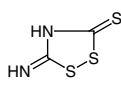
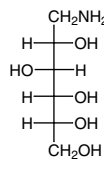
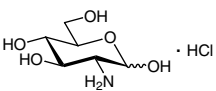
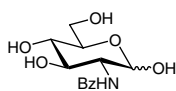
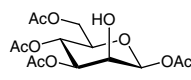
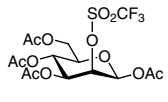
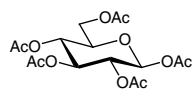
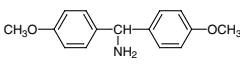
Bulk Pharmaceutical Agents / Intermediates for Pharmaceuticals

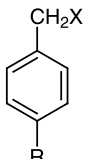
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F0520  2-Fluoro-6-methylpyridine [407-22-7]	F0852  3-Fluoro-4-methylpyridine [399-88-2]	B3775  5-Bromo-2-fluoro-3-methylpyridine [29312-98-9]	B3579  5-Bromo-2-fluoro-4-methylpyridine [864830-16-0]	B4122  3-Bromo-2-fluoro-5-methylpyridine [17282-01-8]
C2538  3-Cyano-2-fluoropyridine [3939-13-7]	D3972  2,6-Dichloro-5-fluoro-3-pyridine-carbonitrile [82671-02-1]	A2384  5-Amino-2-fluoropyridine [1827-27-6]	A2383  4-Amino-3-fluoropyridine [2247-88-3]	A2650  3-Amino-2-fluoropyridine [1597-33-7]
A1664  2-Amino-5-fluoropyridine [21717-96-4]	A1546  4-Amino-2,3,5,6-tetrafluoropyridine [1682-20-8]	D2610  2,6-Dichloro-5-fluoronicotinic Acid [82671-06-5]	F0575  2-Fluoronicotinic Acid [393-55-5]	F0693  2-Fluoroisonicotinic Acid [402-65-3]
F0738  5-Fluoronicotinic Acid [402-66-4]	F0695  6-Fluoronicotinic Acid [403-45-2]	F0837  6-Fluoro-2-pyridinecarboxylic Acid [402-69-7]	F0838  5-Fluoro-2-pyridinecarboxylic Acid [107504-08-5]	F0739  2-Fluoropyridine-3-boronic Acid [174669-73-9]
F0770  2-Fluoropyridine-5-boronic Acid [351019-18-6]	F0859  5-Fluoropyridine-3-boronic Acid [872041-86-6]	D4006  2,6-Difluoro-3-pyridineboronic Acid [136466-94-9]	M2299  2-Mercapto-5-(trifluoromethyl)pyridine [76041-72-0]	T2061  3,5,6-Trifluoro-2-hydroxypyridine [75777-49-0]
F0886  2-Fluoro-3-hydroxypyridine [174669-74-0]	C2655  2-Cyano-3-fluoropyridine [97509-75-6]	C2753  2-Cyano-3,5-difluoropyridine [298709-29-2]	T2786  3-(Trifluoromethyl)pyridine [3796-23-4]	F0846  2-Fluoro-5-(trifluoromethyl)pyridine [69045-82-5]
F0826  2-Fluoro-6-(trifluoromethyl)pyridine [94239-04-0]	A1816  5-Amino-2-(trifluoromethyl)pyridine [106877-33-2]	A1968  2-Amino-5-(trifluoromethyl)pyridine [74784-70-6]	A2168  2-Amino-4-(trifluoromethyl)pyridine [106447-97-6]	A2435  2-Amino-6-(trifluoromethyl)pyridine [34486-24-3]

<p>C2698</p>  <p>5-Cyano-2-(trifluoromethyl)pyridine [216431-85-5]</p>	<p>T2838</p>  <p>6-(Trifluoromethyl)-3-pyridinecarboxaldehyde [386704-12-7]</p>	<p>M2191</p>  <p>2-Methoxy-3-(trifluoromethyl)pyridine [121643-44-5]</p>	<p>C1193</p>  <p>2-Chloro-3-(trifluoromethyl)pyridine [65753-47-1]</p>	<p>C1194</p>  <p>2-Chloro-5-(trifluoromethyl)pyridine [52334-81-3]</p>
<p>C2568</p>  <p>2-Chloro-4-(trifluoromethyl)pyridine [81565-18-6]</p>	<p>T2203</p>  <p>6-(Trifluoromethyl)nicotinic Acid [231291-22-8]</p>	<p>T2975</p>  <p>5-(Trifluoromethyl)-2-pyridinecarboxylic Acid [80194-69-0]</p>	<p>A1157</p>  <p>2-Amino-3-chloro-5-trifluoromethylpyridine [79456-26-1]</p>	<p>C2671</p>  <p>3-Chloro-2-fluoro-5-(trifluoromethyl)pyridine [72537-17-8]</p>
<p>B2395</p>  <p>2,6-Bis(trifluoromethyl)pyridine [455-00-5]</p>	<p>D2214</p>  <p>2,3-Dichloro-5-(trifluoromethyl)pyridine [69045-84-7]</p>	<p>C2425</p>  <p>2-Chloro-6-(trifluoromethyl)nicotinic Acid [280566-45-2]</p>	<p>B3179</p>  <p>2-Bromo-3-(trifluoromethyl)pyridine [175205-82-0]</p>	<p>B3451</p>  <p>5-Bromo-2-(trifluoromethyl)pyridine [436799-32-5]</p>
<p>B3759</p>  <p>2-Bromo-6-(trifluoromethyl)pyridine [189278-27-1]</p>	<p>C1666</p>  <p>5-Chloro-2,4,6-trifluoropyrimidine [697-83-6]</p>	<p>B3685</p>  <p>5-Bromo-2-fluoropyrimidine [62802-38-4]</p>	<p>A2522</p>  <p>2-Amino-4-(trifluoromethyl)pyrimidine [16075-42-6]</p>	<p>A2125</p>  <p>4-Amino-5-fluoro-2-methoxypyrimidine [1993-63-1]</p>
<p>F0547</p>  <p>5-Fluoro-2-methoxy-4-pyrimidinone [1480-96-2]</p>	<p>D3374</p>  <p>2,4-Dichloro-5-fluoropyrimidine [2927-71-1]</p>	<p>F0382</p>  <p>5-Fluoroorotic Acid Monohydrate [703-95-7]</p>	<p>E0684</p>  <p>2-Ethoxy-5-fluoro-4-pyrimidinone [56177-80-1]</p>	<p>F0818</p>  <p><i>trans</i>-4-Fluoro-L-proline [2507-61-1]</p>
<p>B3178</p>  <p>(2<i>S</i>,4<i>S</i>)-1-(<i>tert</i>-Butoxycarbonyl)-4-fluoro-2-pyrrolidinecarboxylic Acid [203866-13-1]</p>	<p>B3177</p>  <p>(2<i>S</i>,4<i>R</i>)-1-(<i>tert</i>-Butoxycarbonyl)-4-fluoro-2-pyrrolidinecarboxylic Acid [203866-14-2]</p>	<p>D3979</p>  <p>4-(2,4-Difluorobenzoyl)piperidine Hydrochloride [1106266-04-0]</p>	<p>F0849</p>  <p>3-Fluoro-4-morpholinoaniline [93246-53-8]</p>	<p>T2342</p>  <p>3,3,4,4-Tetrafluoropyrrolidine Hydrochloride [1810-13-5]</p>
<p>D4051</p>  <p>2,2-Difluoro-1,3-benzodioxole [1583-59-1]</p>	<p>B3781</p>  <p>5-Bromo-2,2-difluoro-1,3-benzodioxole [33070-32-5]</p>	<p>M2295</p>  <p>Methyl 3-Fluoro-2-thiophenecarboxylate [100421-52-1]</p>	<p>F0850</p>  <p>3-Fluoro-2-thiophenecarboxylic Acid [32431-84-8]</p>	<p>F0556</p>  <p>4-Fluoroindole [387-43-9]</p>
<p>F0555</p>  <p>7-Fluoroindole [387-44-0]</p>	<p>F0369</p>  <p>5-Fluoroindole [399-52-0]</p>	<p>F0352</p>  <p>6-Fluoroindole [399-51-9]</p>	<p>F0699</p>  <p>5-Fluorooxindole [56341-41-4]</p>	<p>F0589</p>  <p>5-Fluoroisatin [443-69-6]</p>

<p>F0551</p>  <p>7-Fluoroisatin [317-20-4]</p>	<p>F0420</p>  <p>5-Fluoro-2-methylbenzoxazole [701-16-6]</p>	<p>F0735</p>  <p>6-Fluoro-3-(4-piperidinyl)-1,2-benzisoxazole [84163-77-9]</p>	<p>F0180</p>  <p>2-Fluorobenzothiazole [1123-98-4]</p>	<p>F0316</p>  <p>5-Fluoro-2-methylbenzothiazole [399-75-7]</p>	
<p>A1993</p>  <p>2-Amino-6-fluorobenzothiazole [348-40-3]</p>	<p>A2461</p>  <p>2-Amino-6-(trifluoromethyl)benzothiazole [777-12-8]</p>	<p>F0349</p>  <p>3-Fluorophthalic Anhydride [652-39-1]</p>	<p>F0322</p>  <p>4-Fluorophthalic Anhydride [319-03-9]</p>	<p>F0702</p>  <p>4-Fluoro-2,1,3-benzoxadiazole [29270-55-1]</p>	
<p>F0819</p>  <p>(E)-3-[3-(4-Fluorophenyl)-1-isopropylindol-2-yl]-acrolein [93957-50-7]</p>	<p>F0867</p>  <p>4-(4-Fluorophenyl)-6-isopropyl-2-(N-methyl-N-methanesulfonylamino)-5-pyrimidine-carboxaldehyde [147118-37-4]</p>	<p>T2384</p>  <p>2-(Trifluoromethyl)thioxanthen-9-one [1693-28-3]</p>	<p>F0647</p>  <p>2-Fluoroadenine [700-49-2]</p>		
<p>C2221</p>  <p>6-Chloro-2-fluoropurine [1651-29-2]</p>	<p>F0656</p>  <p>2-Fluoroadenosine [146-78-1]</p>	<p>F0534</p>  <p>5-Fluorocytidine [2341-22-2]</p>	<p>D3614</p>  <p>2'-Deoxy-2'-fluorocytidine Hydrate [10212-20-1]</p>	<p>D3642</p>  <p>2'-Deoxy-5-fluorocytidine [10356-76-0]</p>	
<p>D3615</p>  <p>2'-Deoxy-2'-fluorouridine [784-71-4]</p>	<p>D2235</p>  <p>2'-Deoxy-5-fluorouridine [50-91-9]</p>	<p>Heterocycles</p>		<p>A1207</p>  <p>Methyl Aziridine-2-carboxylate (stabilized with HQ) [5950-34-5]</p>	<p>E0350</p>  <p>(±)-trans-Epoxy succinic Acid [141-36-6]</p>
<p>B2174</p>  <p>(R)-1-(tert-Butoxycarbonyl)-2-azetidinemethanol [161511-90-6]</p>	<p>B2123</p>  <p>(S)-1-(tert-Butoxycarbonyl)-2-azetidinemethanol [161511-85-9]</p>	<p>B3540</p>  <p>1-(tert-Butoxycarbonyl)-azetidine-3-carboxylic Acid [142253-55-2]</p>	<p>D2026</p>  <p>4,5-Dicyanoimidazole [1122-28-7]</p>	<p>A1265</p>  <p>2-Acetylthiazole [24295-03-2]</p>	
<p>B2934</p>  <p>3-Bromothiophene-2-carboxaldehyde [930-96-1]</p>	<p>P0992</p>  <p>4-Piperidineethanol [622-26-4]</p>	<p>B2319</p>  <p>4-(tert-Butoxycarbonylamino)piperidine [73874-95-0]</p>	<p>A1517</p>  <p>4-(2-Aminoethyl)-1-benzylpiperidine [86945-25-7]</p>	<p>B2415</p>  <p>1-(tert-Butoxycarbonyl)-piperazine [57260-71-6]</p>	
<p>C1104</p>  <p>Comanic Acid [499-05-8]</p>	<p>D2066</p>  <p>1,4-Dioxane-2,3-diol [4845-50-5]</p>	<p>E0561</p>  <p>4-Ethynylpyridine [2510-22-7]</p>	<p>A1264</p>  <p>4-(2-Aminoethyl)pyridine [13258-63-4]</p>	<p>H0888</p>  <p>2-Hydrazinopyridine [4930-98-7]</p>	

<p>B0653</p>  <p>4-Bromopyridine Hydrochloride [19524-06-2]</p>	<p>C1360</p>  <p>4-Chloro-2-pyridinecarboxylic Acid [5470-22-4]</p>	<p>B1894</p>  <p>2-Bromo-3-methylpyridine [3430-17-9]</p>	<p>B2113</p>  <p>2-Bromo-5-methylpyridine [3510-66-5]</p>	<p>B2114</p>  <p>2-Bromo-6-methylpyridine [5315-25-3]</p>
<p>B2625</p>  <p>2-Bromonicotinaldehyde [128071-75-0]</p>	<p>B2674</p>  <p>2-Bromo-3-pyridinemethanol [131747-54-1]</p>	<p>A2048</p>  <p>3-Aminopyridazine [5469-70-5]</p>	<p>A1817</p>  <p>3-Amino-6-chloropyridazine [5469-69-2]</p>	<p>O0164</p>  <p>Potassium Oxonate [2207-75-2]</p>
<p>I0394</p>  <p>(±)-Indoline-2-carboxylic Acid [78348-24-0]</p>	<p>D2317</p>  <p>5,6-Diacetoxyindole [15069-79-1]</p>	<p>H0289</p>  <p>1-Hydroxyphenazine [528-71-2]</p>	<p>B0863</p>  <p>2,4'-Bipyridyl [581-47-5]</p>	<p style="text-align: center;">Amidines</p>
<p>F0103</p>  <p>Formamidinium Hydrochloride [6313-33-3]</p>	<p>F0154</p>  <p>Formamidinium Acetate [3473-63-0]</p>	<p>A0008</p>  <p>Acetamidinium Hydrochloride [124-42-5]</p>	<p>C3199</p>  <p>Chloroformamidinium Hydrochloride [29671-92-9]</p>	<p>A1361</p>  <p>Aminoacetamidinium Dihydrobromide [69816-37-1]</p>
<p>P1761</p>  <p>Pivalamidinium Hydrochloride [18202-73-8]</p>	<p>C3090</p>  <p>4-Chlorobenzamidinium Hydrochloride [14401-51-5]</p>	<p>C2344</p>  <p>Cyclopropanecarboxamidinium Hydrochloride [57297-29-7]</p>	<p>A2055</p>  <p>1-Amidinopyrazole Hydrochloride [4023-02-3]</p>	<p>B0013</p>  <p>Benzamidinium Hydrochloride [1670-14-0]</p>
<p>B4161</p>  <p>4-Bromobenzamidinium Hydrochloride [55368-42-8]</p>	<p>A2115</p>  <p>4-Aminobenzamidinium Dihydrochloride [2498-50-2]</p>	<p>P2167</p>  <p>3-Carbamididoylpyridine Monohydrochloride [7356-60-7]</p>	<p>F0959</p>  <p>4-Fluorobenzamidinium Hydrochloride Hydrate [456-14-4]</p>	<p>H1510</p>  <p>4-Hydroxybenzamidinium Hydrochloride [38148-63-9]</p>
<p>M2714</p>  <p>4-Methylbenzamidinium Hydrochloride [6326-27-8]</p>	<p style="text-align: center;">4-Amino Substituted Cyclohexane-carboxylic Acids</p>	<p>A1278</p>  <p>4-Aminocyclohexane-carboxylic Acid (<i>cis</i>- and <i>trans</i>- mixture) [1776-53-0]</p>	<p>A1448</p>  <p><i>cis</i>-4-Aminocyclohexane-carboxylic Acid [3685-23-2]</p>	<p>A1656</p>  <p><i>trans</i>-4-Aminocyclohexane-carboxylic Acid [3685-25-4]</p>
<p>B3248</p>  <p>4-(<i>tert</i>-Butoxycarbonylamino)-cyclohexane-carboxylic Acid (<i>cis</i>- and <i>trans</i>- mixture) [130309-46-5]</p>	<p>B3249</p>  <p><i>cis</i>-4-(<i>tert</i>-Butoxycarbonylamino)cyclohexane-carboxylic Acid [53292-90-3]</p>	<p>B3250</p>  <p><i>trans</i>-4-(<i>tert</i>-Butoxycarbonylamino)cyclohexane-carboxylic Acid [53292-89-0]</p>	<p>C2036</p>  <p><i>trans</i>-4-(Carbobenzoylamino)-cyclohexane-carboxylic Acid [34771-04-5]</p>	<p>M1985</p>  <p>Methyl <i>cis</i>-4-Aminocyclohexane-carboxylate Hydrochloride [61367-16-6]</p>

<p>M1986</p>  <p>Methyl <i>trans</i>-4-Aminocyclohexanecarboxylate Hydrochloride [61367-07-5]</p>	<p>Biphenyls</p>	<p>B0467</p>  <p>2-Aminobiphenyl [90-41-5]</p>	<p>B0987</p>  <p>3-Aminobiphenyl [2243-47-2]</p>	<p>B1847</p>  <p>4-Bromomethylbiphenyl [2567-29-5]</p>
<p>H0523</p>  <p>4-Cyano-4'-hydroxybiphenyl [19812-93-2]</p>	<p>Others</p>	<p>B1058</p>  <p>Bromoacetonitrile [590-17-0]</p>	<p>C0991</p>  <p>Sodium Chlorodifluoroacetate [1895-39-2]</p>	<p>C0205</p>  <p>Carboxymethoxyamine Hemihydrochloride [2921-14-4]</p>
<p>C0701</p>  <p>2-Chloroacrylonitrile (stabilized with HQ) [920-37-6]</p>	<p>M0986</p>  <p><i>N</i>-(2-Methoxyethyl)-methylamine [38256-93-8]</p>	<p>D0959</p>  <p>Divinyl Sulfone (stabilized with HQ) [77-77-0]</p>	<p>G0242</p>  <p>Ethyl Glycolate [623-50-7]</p>	<p>H0471</p>  <p>3-Hydroxy-3-methyl-2-butanone [115-22-0]</p>
<p>L0104</p>  <p>DL-Leucic Acid [498-36-2]</p>	<p>D1652</p>  <p><i>N,N</i>-Dimethylacetamide Dimethyl Acetal (stabilized with 5-10% Methanol) [18871-66-4]</p>	<p>D2244</p>  <p>2,5-Dichlorobenzenesulfonyl Chloride [5402-73-3]</p>	<p>C0227</p>  <p>2-Chloro-4-nitrophenol [619-08-9]</p>	<p>N0498</p>  <p>5-Nitroguaiacol [636-93-1]</p>
<p>H1214</p>  <p>6-Heptynenitrile [15295-69-9]</p>	<p>P0227</p>  <p>1-Phenylsemicarbazide [103-03-7]</p>	<p>D2413</p>  <p>2,6-Dimethyl-3,5-heptanedione [18362-64-6]</p>	<p>A1373</p>  <p><i>N</i>-(<i>tert</i>-Butoxycarbonyl)-1,4-diaminobutane [68076-36-8]</p>	<p>C1511</p>  <p><i>N</i>-Carbobenzoxy-1,2-diaminoethane Hydrochloride [18807-71-1]</p>
<p>B1900</p>  <p>4-<i>tert</i>-Butylaniline [769-92-6]</p>	<p>B1084</p>  <p>4-<i>tert</i>-Butylcyclohexylamine (<i>cis</i>- and <i>trans</i>-mixture) [5400-88-4]</p>	<p>B1587</p>  <p>4-<i>tert</i>-Butylbenzylamine [39895-55-1]</p>	<p>X0001</p>  <p>Xanthane Hydride [6846-35-1]</p>	<p>G0252</p>  <p>D-Glucamine [488-43-7]</p>
<p>G0044</p>  <p>D-(+)-Glucosamine Hydrochloride [66-84-2]</p>	<p>B0200</p>  <p><i>N</i>-Benzoyl-D-glucosamine [655-42-5]</p>	<p>T1459</p>  <p>1,3,4,6-Tetra-<i>O</i>-acetyl-β-D-mannopyranose [18968-05-3]</p>	<p>T2307</p>  <p>1,3,4,6-Tetra-<i>O</i>-acetyl-2-<i>O</i>-(trifluoromethanesulfonyl)-β-D-mannopyranose [92051-23-5]</p>	<p>P0028</p>  <p>Penta-<i>O</i>-acetyl-β-D-glucopyranose [604-69-3]</p>
<p>D2202</p>  <p>4,4'-Dimethoxybenzhydrylamine [19293-62-0]</p>				

<p>α,ω-Alkane-diamines</p>	$\text{NH}_2(\text{CH}_2)_n\text{NH}_2$ <p>n=2~12</p>	<table border="0"> <tr><td>E0077</td><td>Ethylenediamine Anhydrous</td><td>[107-15-3]</td></tr> <tr><td>D0114</td><td>1,3-Diaminopropane</td><td>[109-76-2]</td></tr> <tr><td>D0239</td><td>1,4-Diaminobutane</td><td>[110-60-1]</td></tr> <tr><td>D0108</td><td>1,5-Diaminopentane</td><td>[462-94-2]</td></tr> <tr><td>D0095</td><td>1,6-Diaminohexane</td><td>[124-09-4]</td></tr> <tr><td>D0094</td><td>1,7-Diaminoheptane</td><td>[646-19-5]</td></tr> <tr><td>D0107</td><td>1,8-Diaminooctane</td><td>[373-44-4]</td></tr> <tr><td>D0085</td><td>1,10-Diaminodecane</td><td>[646-25-3]</td></tr> <tr><td>D2075</td><td>1,11-Diaminoundecane</td><td>[822-08-2]</td></tr> <tr><td>D0091</td><td>1,12-Diaminododecane</td><td>[2783-17-7]</td></tr> </table>	E0077	Ethylenediamine Anhydrous	[107-15-3]	D0114	1,3-Diaminopropane	[109-76-2]	D0239	1,4-Diaminobutane	[110-60-1]	D0108	1,5-Diaminopentane	[462-94-2]	D0095	1,6-Diaminohexane	[124-09-4]	D0094	1,7-Diaminoheptane	[646-19-5]	D0107	1,8-Diaminooctane	[373-44-4]	D0085	1,10-Diaminodecane	[646-25-3]	D2075	1,11-Diaminoundecane	[822-08-2]	D0091	1,12-Diaminododecane	[2783-17-7]																		
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