



ChemFiles

Organic

Building Blocks

Vol. 4 No. 4

Acid Chlorides

Amino Acids and
Amino Alcohols

Aldehydes

Alkynes

Aryl Halides

Aryl Amines

Amides

Benzyl Amines and
Benzyl Halides

Carboxylic Acids

Esters

Isocyanates and
Isocyanides

Ketones

Nitrostyrenes

Nitriles

Sulfonyl Chlorides

Other Sulfur-containing
Building Blocks

Miscellaneous
Building Blocks

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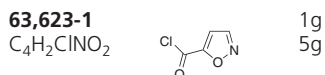
New Building Blocks for Organic Synthesis

Aldrich is pleased to offer a growing line of building blocks having a wide range of applications in organic synthesis and medicinal chemistry. This listing contains our newest building blocks, including many of our latest SmartBlocs™, a compilation of orthogonally reactive building blocks chosen for their ability to undergo distinctly different and potentially non-conflicting reactions. Having two points of reactivity, the

SmartBlocs™ could also serve as a synthetic core for library synthesis. These building blocks have been arranged by functional group for ease of review. If you do not see a compound that you need for your research, please call us at 1-800-231-8327 or e-mail the product specialist at mredlich@sial.com. Your new product suggestions, as always, are welcome and appreciated.

Acid Chlorides

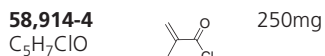
Isoxazole-5-carbonyl chloride, 97%



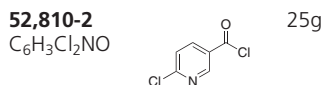
Cyclopropanecarbonyl chloride, 98%



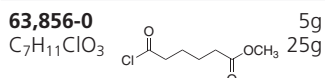
2-Ethylacryloyl chloride, 99%



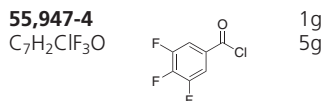
6-Chloronicotinoyl chloride, 97%



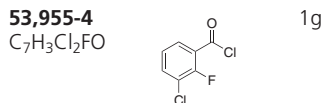
Methyl adipoyl chloride, 97%



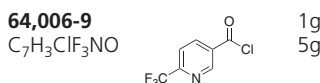
3,4,5-Trifluorobenzoyl chloride, 97%



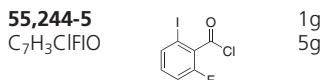
3-Chloro-2-fluorobenzoyl chloride, 98%



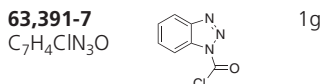
6-(Trifluoromethyl)nicotinoyl chloride, 97%



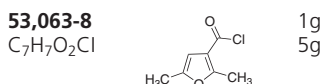
2-Fluoro-6-iodobenzoyl chloride, 97%



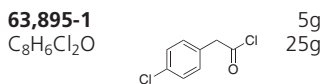
Benzotriazole-1-carbonyl chloride, tech., 97%



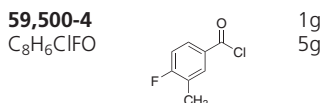
2,5-Dimethylfuran-3-carbonyl chloride, 97%



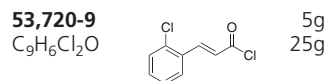
4-Chlorophenylacetyl chloride, 97%



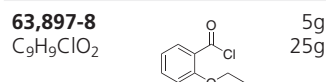
4-Fluoro-3-methylbenzoyl chloride, 97%



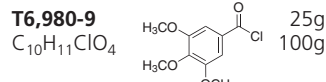
2-Chlorocinnamoyl chloride, 97%



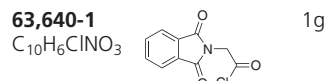
2-Ethoxybenzoyl chloride, 97%



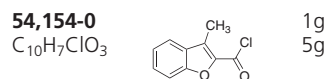
3,4,5-Trimethoxybenzoyl chloride, 98%



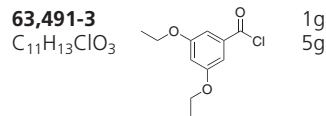
Phthalylglycyl chloride, 96%



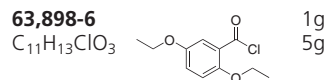
3-Methylbenzofuran-2-carbonyl chloride, 97%



3,5-Diethoxybenzoyl chloride, 97%

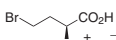


2,5-Diethoxybenzoyl chloride, 97%




Amino Acids and Amino Alcohols


(S)-(+)-2-Amino-4-bromobutyric acid hydrobromide, 97%

47,698-6
C₄H₈BrNO₂  1g

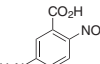
D-Alloisoleucine, 97%

86,071-9
C₆H₁₃NO₂  500mg
1g


4-Amino-3-nitrobenzoic acid, 97%

24,811-8
C₇H₆N₂O₄  5g
25g


5-Amino-2-nitrobenzoic acid

56,461-3
C₇H₆N₂O₄  1g
5g

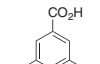
2-Amino-5-hydroxybenzoic acid, 99%

27,899-8
C₇H₇NO₃  1g
5g

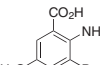
5-Amino-2,2-dimethylpentanol

63,626-6
C₇H₁₇NO  5g
25g


3-Amino-5-(trifluoromethyl)benzoic acid, 97%

57,951-3
C₈H₆F₃NO₂  1g


2-Amino-3-bromo-5-methylbenzoic acid, 97%

63,153-1
C₈H₈BrNO₂  1g
5g


L-2-Chlorophenylglycine, 95%

63,894-3
C₇H₇NO₃  1g
5g


2-Amino-5-chloro-3-methylbenzoic acid, 97%

64,351-3
C₈H₈ClNO₂  5g
25g


2-Aminophenylacetic acid, 95%

55,283-6
C₈H₉NO₂  1g
5g


3-Amino-3-(4-chlorophenyl)propionic acid, 97%

57,335-3
C₉H₁₀ClNO₂  1g
5g


3-Amino-3-(2-chlorophenyl)propionic acid, 97%

57,336-1
C₉H₁₀ClNO₂  1g
5g


3-Amino-3-(4-fluorophenyl)propionic acid, 97%

57,341-8
C₉H₁₀FNO₂  1g


2-Amino-2-phenylbutyric acid, 96%

53,025-5
C₁₀H₁₃NO₂  1g
5g


3-Amino-3-(4-methylphenyl)propionic acid, 97%

57,334-5
C₁₀H₁₃NO₂  1g
5g

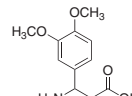
3-Amino-3-(4-methoxyphenyl)propionic acid, 97%

57,338-8
C₁₀H₁₃NO₃  1g

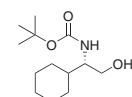
N-Boc-1-aminocyclobutanecarboxylic acid, 97%

63,080-2
C₁₀H₁₇NO₄  1g
5g

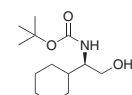
3-Amino-3-(3,4-dimethoxyphenyl)propionic acid, 97%

57,342-6
C₁₁H₁₅NO₄  1g

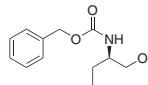
N-Boc-L-cyclohexylglycinol, 98%

63,754-8
C₁₃H₂₅NO₃  1g
5g

N-Boc-D-cyclohexylglycinol, 98%

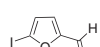
63,755-6
C₁₃H₂₅NO₃  1g
5g

N-Z-D-Leucinol, 97%


55,429-4
C₁₄H₂₁NO₃  1g
5g

Aldehydes


5-Iodo-2-furaldehyde, 97%

57,928-9
C₅H₃IO₂  1g

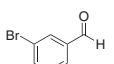
2-Bromo-3-pyridinecarboxaldehyde, 96%

63,214-7
C₆H₄BrNO  1g
5g


3-Bromo-4-pyridinecarboxaldehyde, 97%

63,828-5
C₆H₄BrNO  1g
5g


5-Bromo-3-pyridinecarboxaldehyde, 97%

64,410-2
C₆H₄BrNO  1g
5g

2-Chloro-3-pyridinecarboxaldehyde, 97%

63,215-5
C₆H₄ClNO  1g
5g

3-Chloroisonicotinaldehyde, 97%


63,674-6
C₆H₄ClNO  1g
5g



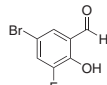
Ready to scale up? For competitive quotes on larger quantities or custom synthesis, contact Sigma-Aldrich Fine Chemicals at 1-800-336-9719 (USA), or visit www.sigma-aldrich.com/safc.

Aldehydes (continued)


2-Amino-3-pyridinecarboxaldehyde, 97%

63,910-9  1g
 $C_6H_6N_2O$ 5g

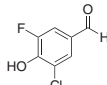
5-Bromo-3-fluorosalicylaldehyde, 97%

59,351-6  1g
 $C_7H_4BrFO_2$


3-Chloro-5-fluorosalicylaldehyde, 97%

59,340-0  1g
 $C_7H_4ClFO_2$


3-Chloro-5-fluoro-4-hydroxybenzaldehyde, 97%

63,884-6  1g
 $C_7H_4ClFO_2$

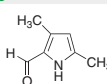
3,5-Difluorosalicylaldehyde, 97%

47,465-7  1g
 $C_7H_4F_2O_2$

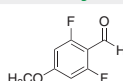
2-Methoxy-3-pyridinecarboxaldehyde, 96%

63,213-9  1g
 $C_7H_7NO_2$ 5g

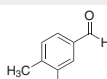
3,5-Dimethylpyrrole-2-carboxaldehyde, 95%

64,051-4  1g
 C_7H_9NO

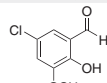
2,6-Difluoro-4-methoxybenzaldehyde, 97%

63,180-9  1g
 $C_8H_6F_2O_2$ 5g


3-Chloro-4-methylbenzaldehyde, 97%

56,323-4  1g
 C_8H_7ClO 5g


5-Chloro-2-hydroxy-3-methoxybenzaldehyde, 96%

56,941-0  1g
 $C_8H_7ClO_3$ 5g

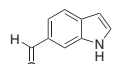
5-Fluoro-3-methylsalicylaldehyde, 97%

59,328-1  1g
 $C_8H_7FO_2$


Indole-4-carboxaldehyde, 97%

63,242-2  1g
 C_9H_7NO 5g

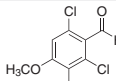
Indole-6-carboxaldehyde, 97%

63,240-6  250mg
 C_9H_7NO 1g


Indole-7-carboxaldehyde, 97%

63,241-4  1g
 C_9H_7NO 5g

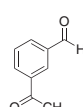
2,6-Dichloro-3,4-dimethoxybenzaldehyde, 97%

56,940-2  1g
 $C_9H_8Cl_2O$ 5g

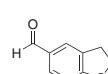
2-Acetylbenzaldehyde, 95%

56,291-2  1g
 $C_9H_8O_2$

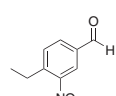
3-Acetylbenzaldehyde, 97%

56,290-4  1g
 $C_9H_8O_2$

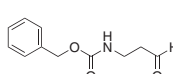
2,3-Dihydrobenzofuran-5-carboxaldehyde, 97%

63,195-7  1g
 $C_9H_8O_2$ 5g

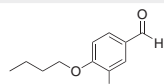
4-Ethyl-3-nitrobenzaldehyde, 97%

63,408-5  1g
 $C_9H_9NO_3$ 5g

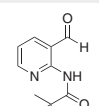
3-[(Benzyloxycarbonyl)amino]-1-propanal, 95%

59,295-1  1g
 $C_{11}H_{13}NO_3$

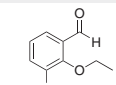
4-Butoxy-3-nitrobenzaldehyde, 97%

52,319-4  1g
 $C_{11}H_{13}NO_4$ 5g

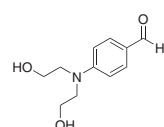
N-(3-Formyl-2-pyridinyl)-2,2-dimethylpropanamide, 97%

63,822-6  1g
 $C_{11}H_{14}N_2O_2$ 5g

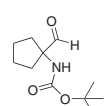
2,3-Diethoxybenzaldehyde, 97%

56,838-4  1g
 $C_{11}H_{14}O_3$ 5g

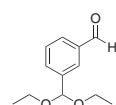
4-(N,N-Bis(2-hydroxyethyl)-amino)benzaldehyde, 95%

63,219-8  1g
 $C_{11}H_{15}NO_3$ 5g

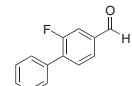
N-Boc-cycloleucinal, 97%

63,758-0  1g
 $C_{11}H_{19}NO_3$ 5g

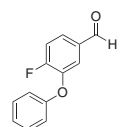
3-(Diethoxymethyl)benzaldehyde, 97%

63,583-9  1g
 $C_{12}H_{16}O_3$ 5g

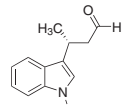
2-Fluorobiphenyl-4-carboxaldehyde, 97%

54,805-7  1g
 $C_{13}H_9FO$ 5g

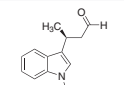
4-Fluoro-3-phenoxybenzaldehyde, 97%

64,338-6  5g
 $C_{13}H_9FO_2$ 25g

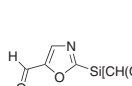
(3R)-(-)-3-(1-Methyl-1H-indol-3-yl)-1-butyraldehyde (>95% ee)

59,188-2  1g
 $C_{13}H_{15}NO$

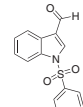
(3S)-(+)-3-(1-Methyl-1H-indol-3-yl)-1-butyraldehyde (>95% ee)

59,134-3  1g
 $C_{13}H_{15}NO$

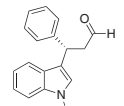
2-(Triisopropylsilyl)oxazole-5-carboxaldehyde, 96%

64,110-3  1g
 $C_{13}H_{23}NO_2Si$ 5g

1-(Phenylsulfonyl)-3-indolecarboxaldehyde, 97%

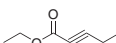
51,641-4  500mg
 $C_{15}H_{11}NO_3S$

(3S)-(+)-3-(Methyl-1H-indol-3-yl)-3-phenylpropanaldehyde (>95% ee)

59,101-7  1g
 $C_{18}H_{17}NO$

Alkynes

Ethyl 2-pentynoate

63,211-2
C₇H₁₀O₂  5g
25g

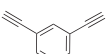
3-Cyclopentyl-1-propyne, 97%

63,207-4
C₈H₁₂  1g
5g

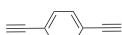
3-Cyclohexyl-1-propyne, 97%

63,206-6
C₉H₁₄  1g
5g

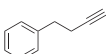
1,3-Diethynylbenzene, 97%

63,210-4
C₁₀H₆  1g
5g

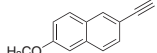
1,4-Diethynylbenzene, 96%

63,209-0
C₁₀H₆  5g

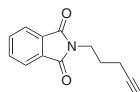
4-Phenyl-1-butyne, 97%

63,205-8
C₁₀H₁₀  5g

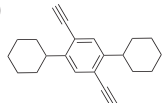
2-Ethynyl-6-methoxynaphthalene, 97%

63,263-5
C₁₃H₁₀O  1g
5g

5-Phthalimido-1-pentyne, 97%

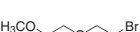
64,693-8
C₁₃H₁₁NO₂  5g
25g

2,5-Dicyclohexyl-1,4-di-(1-propynyl)-benzene


63,646-0
C₂₄H₃₀  250mg
1g

Aryl Halides

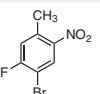
1-Bromo-2-(2-Methoxyethoxy)ethane, 95%

63,984-2
C₅H₁₁BrO₂  10g
50g


4-Bromo-5-fluoro-2-iodotoluene, 97%

63,902-8
C₇H₅BrFI  1g
5g


4-Bromo-5-fluoro-2-nitrotoluene, 97%

63,899-4
C₇H₅BrFNO₂  1g
5g


3-Fluoro-4-iodotoluene, 97%

63,515-4
C₇H₆FI  1g
5g

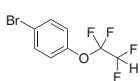
4-Fluoro-2-iodotoluene, 97%

64,306-8
C₇H₆FI  5g
25g


4-Fluorophthalic anhydride, 97%

64,137-5
C₈H₃FO₃  5g
25g

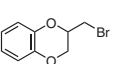
1-Bromo-4-(1,1,2,2-tetrafluoroethoxy)benzene, 96%

34,190-8
C₈H₅BrF₄O  5g

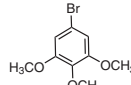
5-Iodoindole, 98%

56,383-8
C₈H₆IN  5g
25g

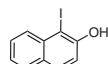
2-Bromomethyl-1,4-benzodioxane, 97%

63,264-3
C₉H₉O₂Br  1g
5g

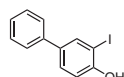
1-Bromo-3,4,5-trimethoxybenzene, 97%

63,453-0
C₉H₁₁BrO₃  10g
100g

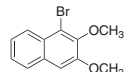
2-Hydroxy-1-iodonaphthalene, 97%

63,351-8
C₁₀H₇IO  1g
5g

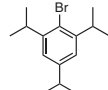
4-Hydroxy-3-iodobiphenyl, 95%

63,349-6
C₁₂H₉IO  1g
5g

1-Bromo-2,3-dimethoxynaphthalene

64,714-4
C₁₂H₁₁BrO₂  1g
10g

1-Bromo-2,4,6-triisopropylbenzene, 98%

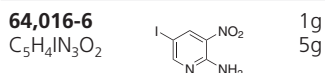
63,793-9
C₁₅H₂₃Br  1g
5g



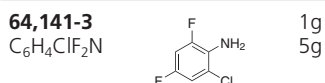
Ready to scale up? For competitive quotes on larger quantities or custom synthesis, contact Sigma-Aldrich Fine Chemicals at 1-800-336-9719 (USA), or visit www.sigma-aldrich.com/safc.

Aryl Amines

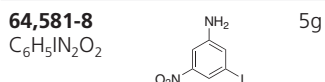
2-Amino-5-iodo-3-nitropyridine, 97%



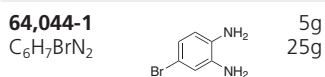
2-Chloro-4,6-difluoroaniline, 97%



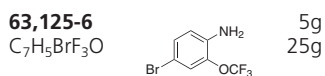
3-Iodo-5-nitroaniline, 98%



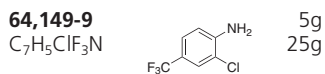
4-Bromo-o-phenylenediamine, 97%



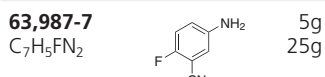
4-Bromo-2-(trifluoromethoxy)aniline, 97%



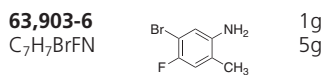
2-Chloro-4-(trifluoromethyl)aniline, 97%



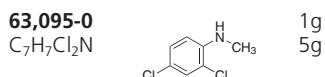
5-Amino-2-fluorobenzonitrile, 97%



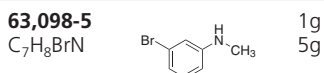
5-Bromo-4-fluoro-2-methylaniline, 97%



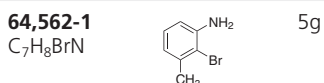
2,4-Dichloro-N-methylaniline, 97%



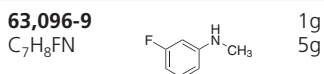
3-Bromo-N-methylaniline, 97%



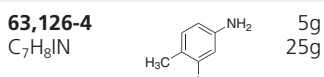
2-Bromo-3-methylaniline



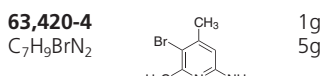
3-Fluoro-N-methylaniline, 97%



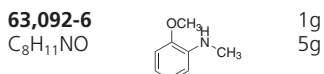
3-Iodo-4-methylaniline, 97%



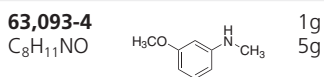
2-Amino-5-bromo-4,6-dimethylpyridine, 97%



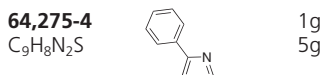
2-Methoxy-N-methylaniline, 97%



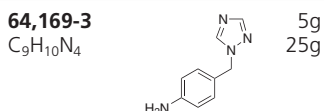
3-Methoxy-N-methylaniline, 97%



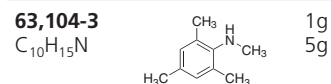
2-Amino-4-phenylthiazole, 97%



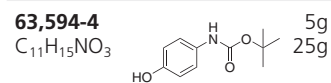
4-(1,2,4-Triazolylmethyl)aniline



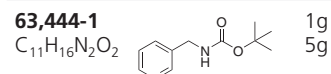
2,4,6-Trimethyl-N-methylaniline, 97%



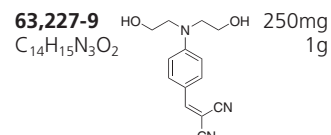
N-Boc-4-aminophenol, 97%



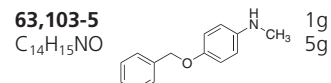
N-Boc-3-aminomethylpyridine, 97%



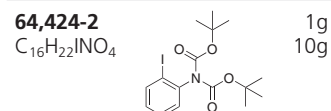
4-(2,2-Dicyanovinyl)-N-bis(hydroxyethyl)aniline, 95%



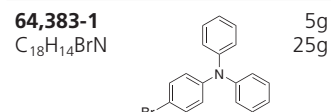
4-Benzyloxy-N-methylaniline, 97%



N,N-Di-Boc-2-iodoaniline, 97%

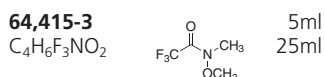


4-Bromo-N,N-diphenylaniline, 97%

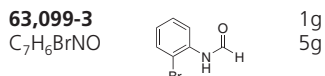


Amides

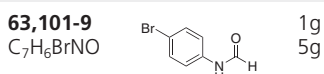
N-Methyl-N-methoxytrifluoroacetamide, 99%



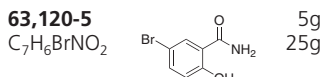
2-Bromoformanilide, 97%



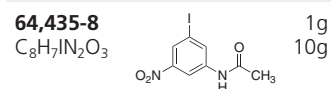
4-Bromoformanilide, 97%



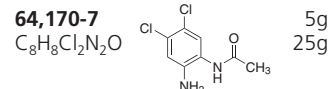
5-Bromosalicylamide, 97%



3'-Iodo-5'-nitroacetanilide, 97%

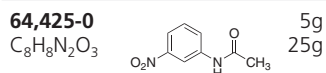


N-(2-Amino-4,5-dichlorophenyl)acetamide, 97%

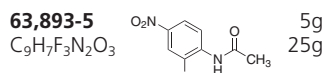


Amides (continued)

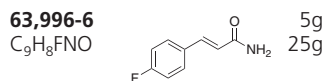
3'-Nitroacetanilide, 97%



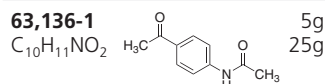
4'-Nitro-2'-(trifluoromethyl)acetanilide, 97%



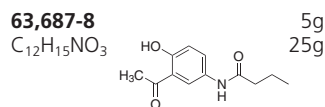
3-(4-Fluorophenyl)-2-propenamide, 97%



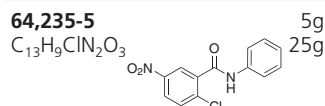
4-Acetamidoacetophenone, 97%



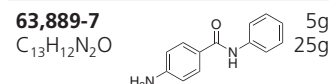
N-(3-Acetyl-4-hydroxyphenyl)butanamide, 97%



2-Chloro-5-nitrobenzanilide, 97%

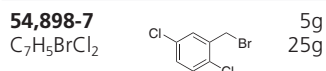


4-Aminobenzanilide, 95%

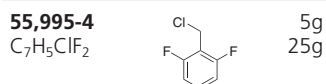


Benzyl Amines and Benzyl Halides

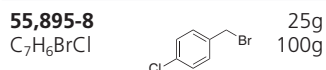
2,5-Dichlorobenzyl bromide, 97%



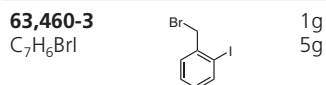
2,6-Difluorobenzyl chloride, 97%



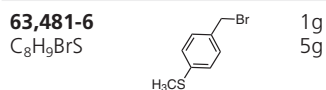
4-Chlorobenzyl bromide, 97%



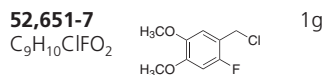
2-Iodobenzyl bromide, 97%



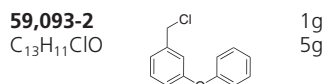
4-(Methylthio)benzyl bromide, 97%



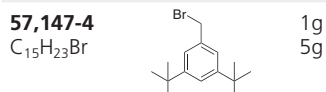
2-Fluoro-4,5-dimethoxybenzyl chloride, 97%



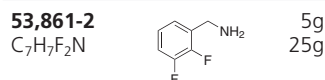
3-Phenoxybenzyl chloride, 97%



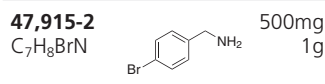
3,5-Di-(tert-butyl)-benzyl bromide



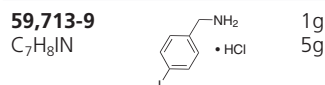
2,3-Difluorobenzylamine, 97%



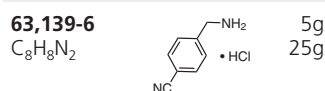
4-Bromobenzylamine, 96%



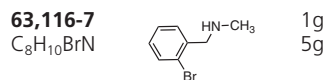
4-Iodobenzylamine hydrochloride



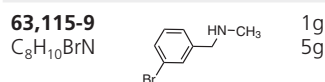
4-Cyanobenzylamine hydrochloride, 97%



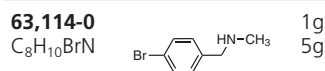
2-Bromo-N-methylbenzylamine, 97%



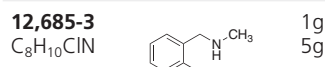
3-Bromo-N-methylbenzylamine, 97%



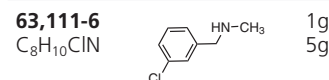
4-Bromo-N-methylbenzylamine, 97%



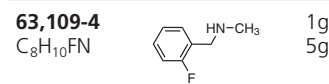
2-Chloro-N-methylbenzylamine, 97%



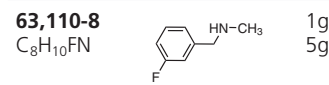
3-Chloro-N-methylbenzylamine, 97%



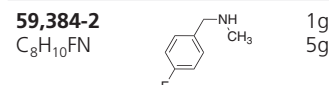
2-Fluoro-N-methylbenzylamine, 97%



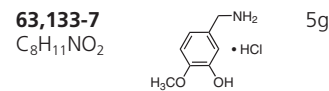
3-Fluoro-N-methylbenzylamine, 97%



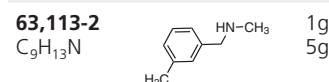
4-Fluoro-N-methylbenzylamine, 97%



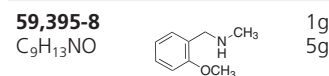
3-Hydroxy-4-methoxybenzylamine hydrochloride, 97%



3-Methyl-N-methylbenzylamine, 97%

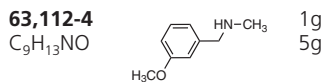
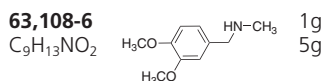
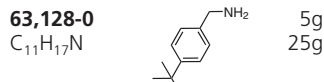
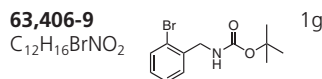
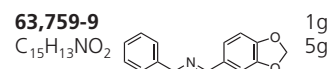
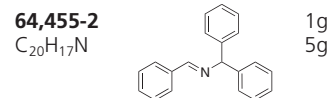


2-Methoxy-N-methylbenzylamine, 97%



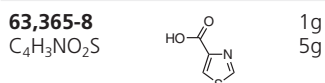
Ready to scale up? For competitive quotes on larger quantities or custom synthesis, contact Sigma-Aldrich Fine Chemicals at 1-800-336-9719 (USA), or visit www.sigma-aldrich.com/safc.

Benzyl Amines and Benzyl Halides (continued)

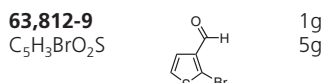
3-Methoxy-*N*-methylbenzylamine, 97%3,4-Dimethoxy-*N*-methylbenzylamine, 97%4-*tert*-Butylbenzylamine, 97%*N*-Boc-2-bromobenzylamine, 97%*N*-(3,4-Methylenedioxybenzylidene)benzylamine, 97%*N*-Benzylidene-*N*-(diphenylmethyl)amine, 97%

Carboxylic Acids

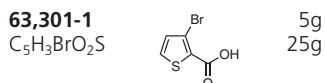
1,3-Thiazole-4-carboxylic acid, 97%



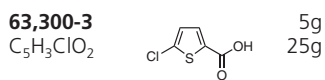
2-Bromo-3-thiophenecarboxylic acid, 97%



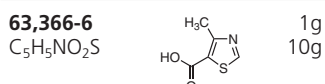
3-Bromothiophene-2-carboxylic acid, 97%



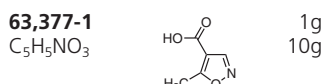
5-Chlorothiophene-2-carboxylic acid, 97%



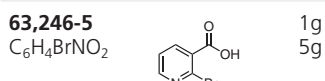
4-Methyl-1,3-thiazole-5-carboxylic acid, 97%



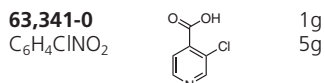
5-Methylisoxazole-4-carboxylic acid, 97%



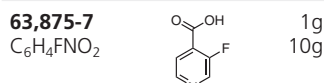
2-Bromonicotinic acid, 97%



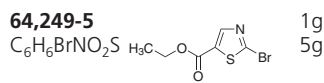
3-Chloroisonicotinic acid, 97%



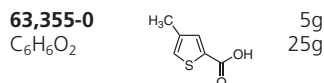
3-Fluoroisonicotinic acid, 97%



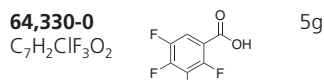
Ethyl 2-bromothiazole-5-carboxylate, 97%



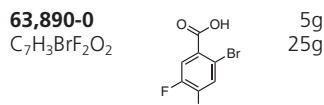
4-Methylthiophene-2-carboxylic acid, 97%



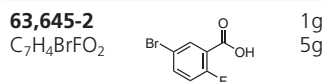
3-Chloro-2,4,5-trifluorobenzoic acid, 97%



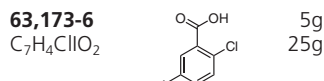
2-Bromo-4,5-difluorobenzoic acid, 97%



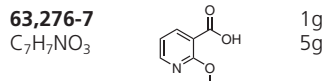
5-Bromo-2-fluorobenzoic acid, 97%



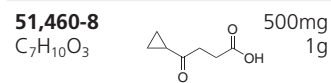
2-Chloro-5-iodobenzoic acid, 97%



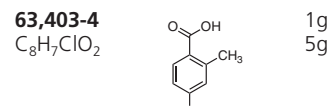
2-Methoxynicotinic acid, 97%



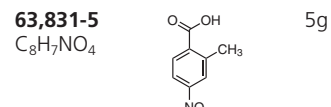
4-Cyclopropyl-4-oxobutyric acid



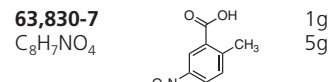
4-Chloro-2-methylbenzoic acid, 97%



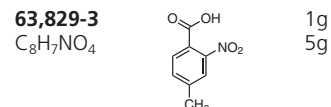
2-Methyl-4-nitrobenzoic acid, 97%



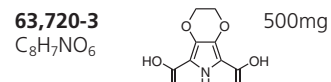
2-Methyl-5-nitrobenzoic acid, 97%



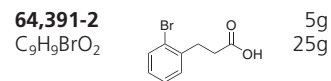
4-Methyl-2-nitrobenzoic acid, 97%



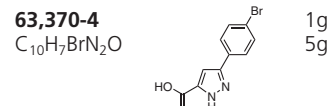
3,4-Ethylenedioxypropryl-2,5-dicarboxylic acid, 95%



3-(2-Bromophenyl)propionic acid, 97%



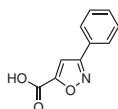
3-(4-Bromophenyl)-1H-pyrazole-5-carboxylic acid, 97%



Carboxylic Acids (continued)

3-Phenyl-5-isoxazolecarboxylic acid, 97%

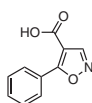
63,369-0
C₁₀H₇NO₃



1g
5g

5-Phenyl-4-isoxazolecarboxylic acid, 97%

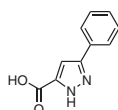
63,368-2
C₁₀H₇NO₃



1g
5g

3-Phenyl-1H-pyrazole-5-carboxylic acid, 97%

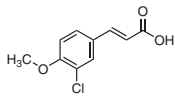
63,373-9
C₁₀H₈N₂O₂



1g
5g

3-Chloro-4-methoxycinnamic acid, 97%

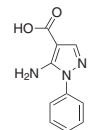
63,876-5
C₁₀H₉ClO₃



1g
5g

5-Amino-1-phenyl-1H-pyrazole-4-carboxylic acid, 97%

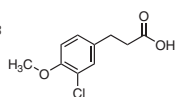
63,981-8
C₁₀H₉N₃O₂



1g
5g

3-(3-Chloro-4-methoxyphenyl)propionic acid, 97%

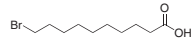
63,877-3
C₁₀H₁₁ClO₃



1g
5g

10-Bromodecanoic acid, 95%

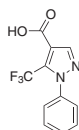
54,139-7
C₁₀H₁₉BrO₂



5g
25g

1-Phenyl-5-(trifluoromethyl)-1H-pyrazole-4-carboxylic acid, 97%

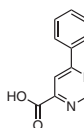
63,976-1
C₁₁H₇F₃N₂O₂



1g
5g

6-Phenyl-4-pyrimidinecarboxylic acid, 97%

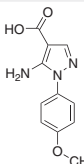
63,367-4
C₁₁H₈N₂O₂



1g
5g

5-Amino-1-(4-methoxyphenyl)-1H-pyrazole-4-carboxylic acid, 97%

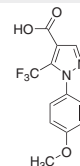
63,978-8
C₁₁H₁₁N₃O₃



1g
5g

1-(4-Methoxyphenyl)-5-(trifluoromethyl)-1H-pyrazole-4-carboxylic acid, 97%

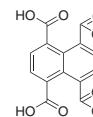
63,982-6
C₁₂H₉F₃N₂O₃



1g
5g

1,4,5,8-Naphthalenetetracarboxylic acid, 97%

64,150-2
C₁₄H₈O₈



5g
25g

4',6'-Dimethoxy-2'-hydroxy-2-phenylacetophenone, 96%

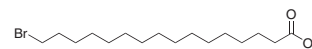
63,062-4
C₁₆H₁₆O₄



1g
5g

16-Bromohexadecanoic acid, 99+%

56,870-8
C₁₆H₃₁BrO₂

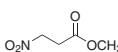


5g

Esters

Methyl 3-nitropropionate, 97%

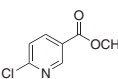
31,687-3
C₄H₇NO₄



1g
5g

Methyl 6-chloronicotinate, 98%

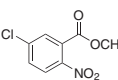
63,117-5
C₇H₆ClNO₂



1g
5g
25g

Methyl 5-chloro-2-nitrobenzoate, 97%

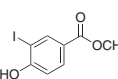
57,982-3
C₈H₆ClNO₄



5g
25g

Methyl 4-hydroxy-3-iodobenzoate, 97%

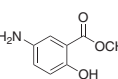
63,194-9
C₈H₇IO₃



1g
5g

Methyl 5-aminosalicylate, 97%

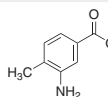
63,643-6
C₈H₉NO₃



1g
5g

Methyl 3-amino-4-methylbenzoate, 97%

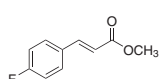
64,060-3
C₉H₁₁NO₂



5g
25g

Methyl 4-fluorocinnamate, 97%, predominantly trans

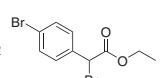
59,244-7
C₁₀H₉FO₂



5g
25g

Ethyl 2-bromo-(4-bromophenyl)acetate, 97%

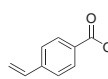
63,857-9
C₁₀H₁₀Br₂O₂



5g
25g

Methyl 4-vinylbenzoate, 97%

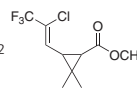
63,740-8
C₁₀H₁₀O₂



1g
5g

Methyl 3-((Z)-2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate, 97%

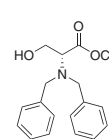
54,977-0
C₁₀H₁₂ClF₃O₂



25g

N,N-Dibenzyl-o-serine methyl ester, 97%

54,531-7
C₁₈H₂₁NO₃



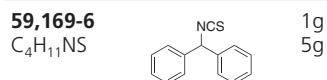
1g
5g



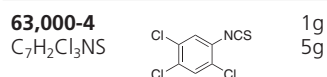
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Isocyanates and Isocyanides

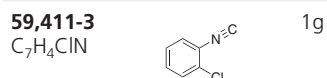
Benzhydryl isothiocyanate, 97%



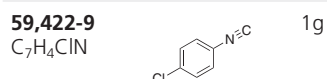
2,4,5-Trichlorophenyl isothiocyanate, 97%



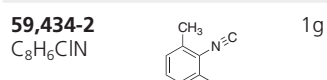
2-Chlorophenyl isocyanide, 97%



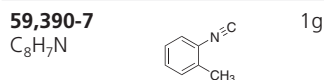
4-Chlorophenyl isocyanide, 97%



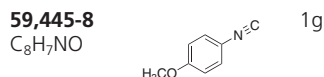
2-Chloro-6-methylphenyl isocyanide, 97%



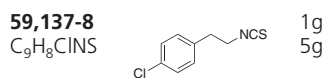
2-Tolylisocyanide, 95%



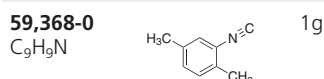
4-Methoxyphenyl isocyanide, 97%



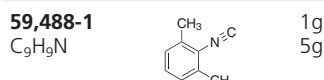
2-(4-Chlorophenethyl)isothiocyanate, 97%



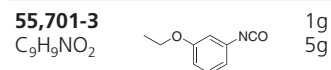
2,5-Dimethylphenyl isocyanide, 95%



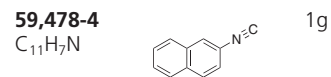
2,6-Dimethylphenyl isocyanide, 96%



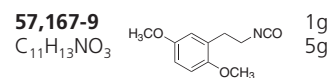
3-Ethoxyphenyl isocyanate, 97%



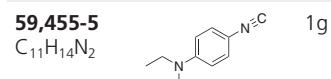
2-Naphthyl isocyanide, 97%



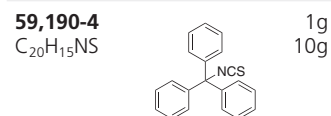
2,5-Dimethoxyphenethyl isocyanate, 97%



4-Diethylaminophenyl isocyanide, 97%

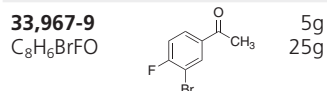


Trityl isothiocyanate, 95%

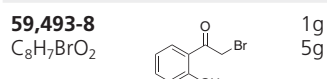


Ketones

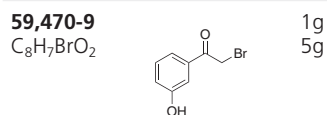
3'-Bromo-4'-fluoroacetophenone, 96%



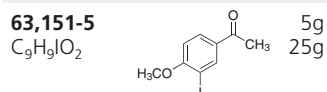
2-Bromo-2'-hydroxyacetophenone, 97%



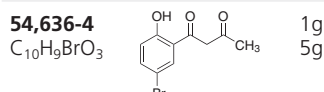
2-Bromo-3'-hydroxyacetophenone



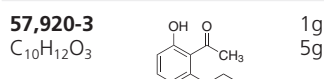
3'-Iodo-4'-methoxyacetophenone, 97%



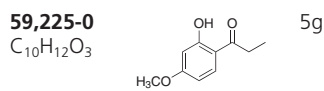
1-(5-Bromo-2-hydroxyphenyl)-1,3-butanedione



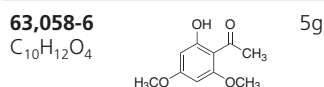
6'-Ethoxy-2'-hydroxyacetophenone, 98%



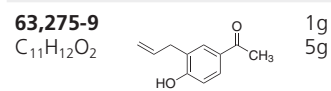
2'-Hydroxy-4'-methoxypropiofenone, 97%



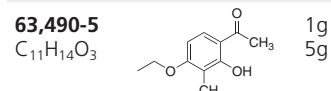
4',6'-Dimethoxy-2'-hydroxyacetophenone, 97%



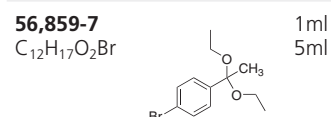
3-Allyl-4-hydroxyacetophenone, 97%



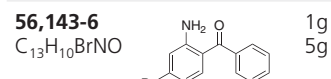
4'-Ethoxy-2'-hydroxy-3'-methoxyacetophenone, 97%



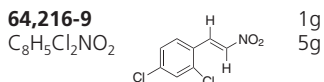
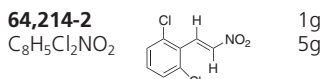
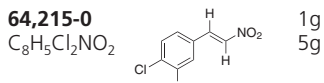
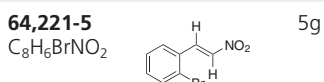
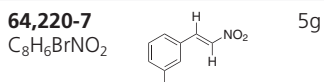
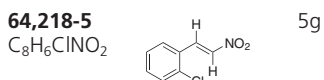
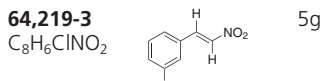
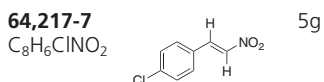
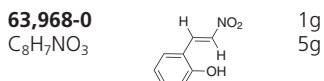
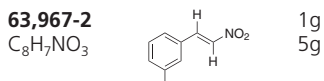
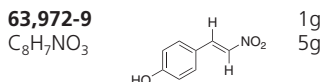
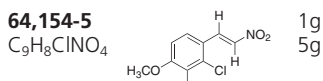
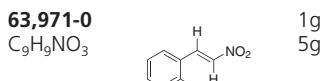
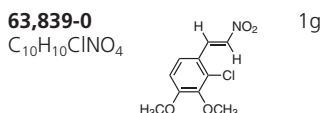
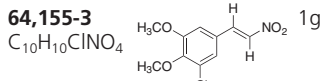
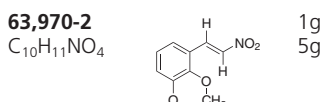
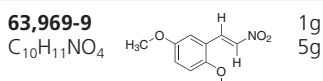
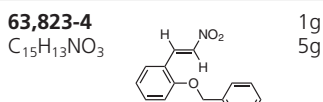
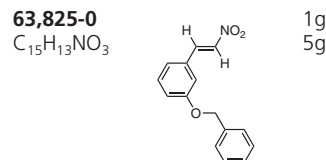
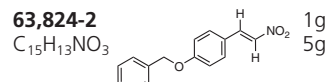
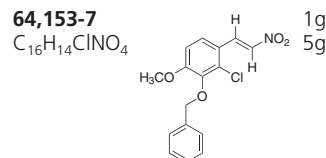
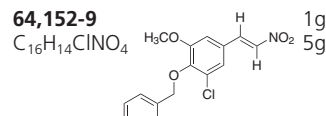
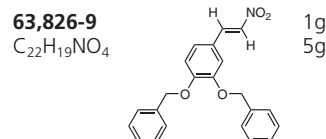
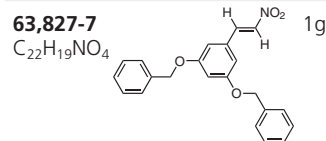
4-Bromoacetophenone diethyl acetal, 95%



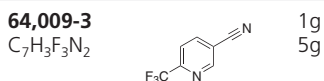
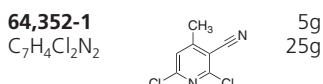
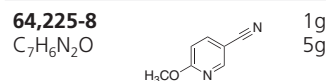
2-Amino-4-bromobenzophenone, 95%



Nitrostyrenes

trans-2,4-Dichloro-β-nitrostyrene, 97%**trans-2,6-Dichloro-β-nitrostyrene, 97%****trans-3,4-Dichloro-β-nitrostyrene, 97%****trans-2-Bromo-β-nitrostyrene, 95%****trans-3-Bromo-β-nitrostyrene, 97%****trans-2-Chloro-β-nitrostyrene, 97%****trans-3-Chloro-β-nitrostyrene****trans-4-Chloro-β-nitrostyrene, 97%****trans-2-Hydroxy-β-nitrostyrene, 97%****trans-3-Hydroxy-β-nitrostyrene, 96%****trans-4-Hydroxy-β-nitrostyrene, 97%****trans-2-Chloro-3-hydroxy-4-methoxy-β-nitrostyrene, 97%****trans-2-Methoxy-β-nitrostyrene, 97%****trans-2-Chloro-3,4-dimethoxy-β-nitrostyrene, 97%****trans-3-Chloro-4,5-dimethoxy-β-nitrostyrene, 97%****trans-2,3-Dimethoxy-β-nitrostyrene, 97%****trans-2,5-Dimethoxy-β-nitrostyrene, 97%****trans-2-Benzoyloxy-β-nitrostyrene, 97%****trans-3-Benzoyloxy-β-nitrostyrene, 97%****trans-4-Benzoyloxy-β-nitrostyrene, 97%****trans-2-Chloro-3-benzoyloxy-4-methoxy-β-nitrostyrene, 97%****trans-3-Chloro-4-benzoyloxy-5-methoxy-β-nitrostyrene, 97%****trans-3,4-Dibenzoyloxy-β-nitrostyrene, 97%****trans-3,5-Dibenzoyloxy-β-nitrostyrene, 97%**

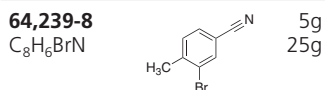
Nitriles

6-(Trifluoromethyl)nicotinonitrile, 97%**2,6-Dichloro-4-methylnicotinonitrile, 97%****2-Methoxy-5-pyridinecarbonitrile, 97%**

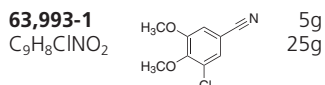
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Nitriles (continued)

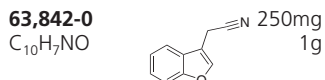
3-Bromo-4-methylbenzonitrile



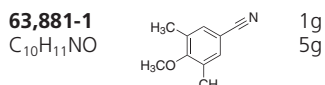
3-Chloroveratronitrile, 97%



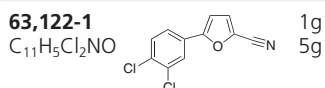
Benzofuran-3-acetonitrile, 95%



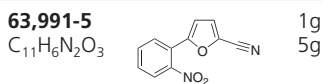
3,5-Dimethyl-4-methoxybenzonitrile, 97%



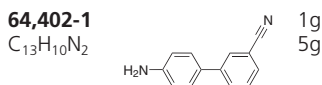
5-(3,4-Dichlorophenyl)-2-furonitrile



5-(2-Nitrophenyl)-2-furonitrile, 97%



3-(4-Aminophenyl)-benzonitrile, 97%



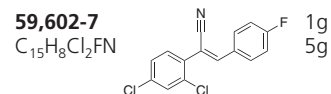
4-(4-Aminophenyl)-benzonitrile, 95%



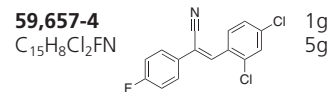
4-(3-Aminophenyl)-benzonitrile



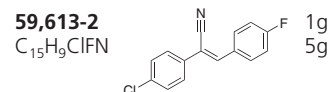
(E)-α-(2,4-Dichlorophenyl)-4-fluorocinnamitrile, 97%



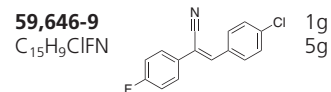
(E)-α-(4-Fluorophenyl)-2,4-dichlorocinnamitrile, 97%



(E)-α-(4-Chlorophenyl)-4-fluorocinnamitrile, 97%

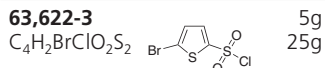


(E)-α-(4-Fluorophenyl)-4-chlorocinnamitrile, 97%

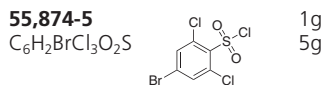


Sulfonyl Chlorides

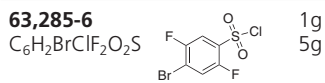
5-Bromothiophene-2-sulfonyl chloride



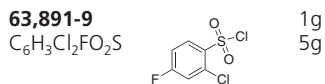
4-Bromo-2,6-dichlorobenzenesulfonyl chloride, 97%



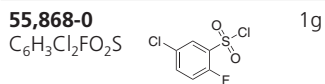
4-Bromo-2,5-difluorobenzenesulfonyl chloride



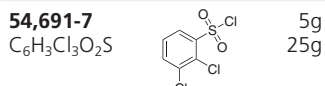
2-Chloro-4-fluorobenzenesulfonyl chloride, 95%



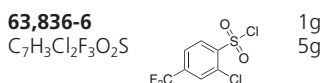
5-Chloro-2-fluorobenzenesulfonyl chloride, 97%



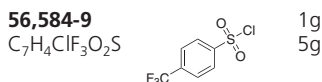
2,3-Dichlorobenzenesulfonyl chloride, 97%



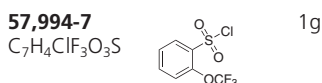
2-Chloro-4-(trifluoromethyl)benzenesulfonyl chloride, 97%



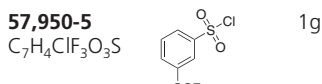
4-(trifluoromethyl)benzenesulfonyl chloride, 97%



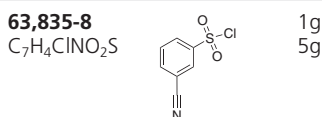
2-(Trifluoromethoxy)benzenesulfonyl chloride, 97%



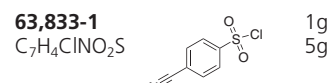
3-(Trifluoromethoxy)benzenesulfonyl chloride, 97%



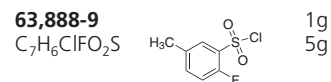
3-Cyanobenzenesulfonyl chloride, 97%



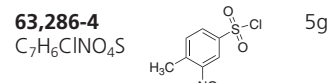
4-Cyanobenzenesulfonyl chloride, 97%



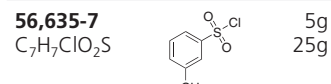
2-Fluoro-5-methylbenzenesulfonyl chloride, 97%



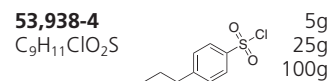
4-Methyl-3-nitrobenzenesulfonyl chloride, 97%



m-Toluenesulfonyl chloride

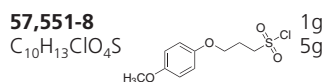


4-n-Propylbenzenesulfonyl chloride

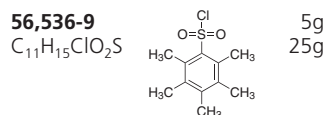


Sulfonyl Chlorides (continued)

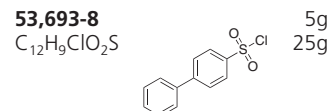
3-(4-Methoxyphenoxy)propane sulfonyl chloride, 98%



Pentamethylbenzenesulfonyl chloride, 97%

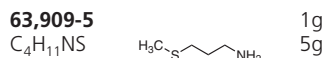


Biphenyl-4-sulfonyl chloride

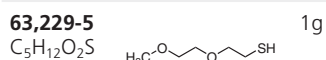


Other Sulfur-containing Building Blocks

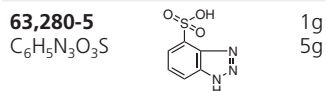
3-(Methylthio)propylamine, 97%



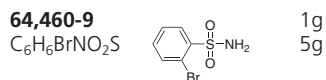
2-(2-Methoxyethoxy)ethanethiol, 97%



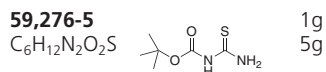
1H-Benzotriazole-4-sulfonic acid, 97%



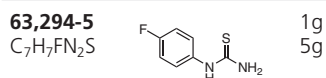
2-Bromobenzenesulfonamide, 97%



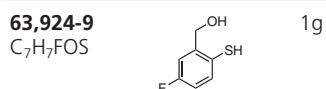
N-Boc-thiourea, 97%



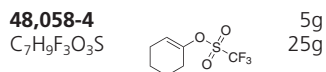
4-Fluorophenylthiourea, 97%



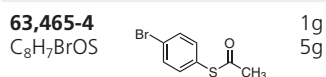
5-Fluoro-2-mercaptobenzyl alcohol, 97%



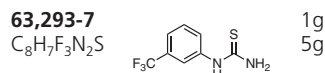
1-Cyclohexen-1-yl trifluoromethanesulfonate, 97%



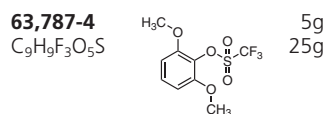
4-Bromophenyl thioacetate, 97%



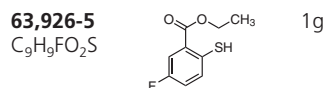
3-(Trifluoromethyl)phenylthiourea, 97%



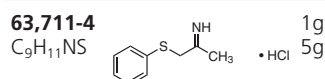
2,6-Dimethoxyphenyl trifluoromethanesulfonate, 97%



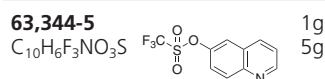
Ethyl 5-fluoro-2-mercaptobenzoate, 97%



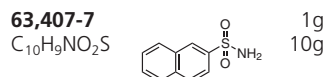
Thiobenzylacetimidate hydrochloride, 96%



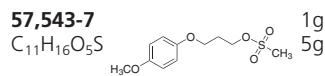
6-Quinolyltrifluoromethanesulfonate, 97%



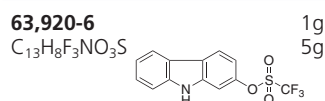
Naphthalene-2-sulfonamide, 97%



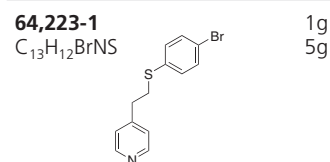
3-(4-Methoxyphenoxy)propyl methanesulfonate, 98%



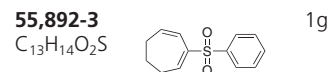
9H-Carbazol-2-yl trifluoromethanesulfonate, 97%



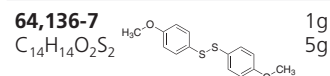
4-(2-(4-Bromophenylsulfanyl)ethyl)pyridine, 97%



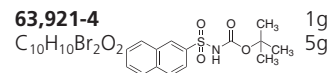
2-(Phenylsulfonyl)-1,3-cycloheptadiene, 97%



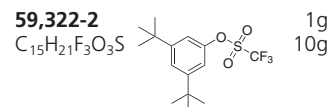
Bis-(4-methoxyphenyl)disulfide, 97%



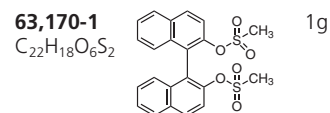
N-Boc-2-naphthalenesulfonamide, 97%



3,5-Di-tert-butylphenyl trifluoromethanesulfonate, 97%



1,1'-Bi-2-naphthyl dimethanesulfonate, 97%

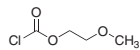


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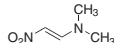
Miscellaneous Building Blocks

2-Methoxyethyl chloroformate

59,229-3 C4H7ClO3 5ml
25ml
250ml

**1-(Dimethylamino)-2-nitroethylene, 97%**

63,290-2 C4H8N2O2 1g
5g

**(R)-(-)-4-Penten-2-ol, 96%**

55,803-6 C5H10O 1g
5g

**1,1-Bis(hydroxymethyl)cyclopropane, 95%**

54,656-9 C5H10O2 1g
5g

**1-Dimethylamino-2-propylamine, 98%**

58,818-0 C5H14N2 10g
50g

**2-Bromo-4,6-difluorophenol, 97%**

57,946-7 C6H3BrF2O 1g
5g

**3,5-Dibromophenol, 97%**

64,610-5 C6H4Br2O 1g
10g

**2-Amino-4-chloro-6-nitrophenol, 97%**

53,038-7 C6H5ClN2O3 5g
25g

**(S)-(+)-5-Hexen-2-ol, 97%**

55,804-4 C6H12O 1g
5g

**N-Cyclohexylhydroxylamine**

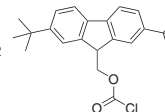
63,593-6 C6H13NO 1g

**11-Chloro-1-undecene, 97%**

59,311-7 C11H21Cl 5ml
25ml

**2,7-Di(tert-butyl)-9-fluorenylmethyl chloroformate, 97%**

55,100-7 C23H27ClO2 1g

**rac-trans-N,N'-Dimethylcyclohexane-1,2-diamine, 97%**

63,308-9 C8H18N2 5ml



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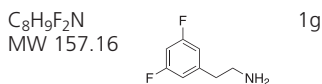
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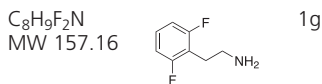
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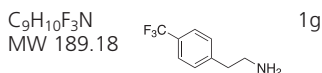
L30,017-9



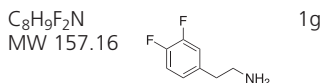
L30,018-7



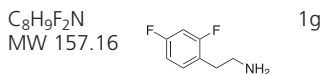
L30,022-5



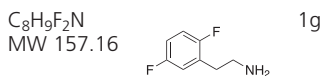
L30,023-3



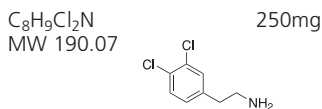
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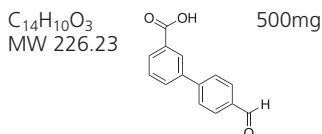
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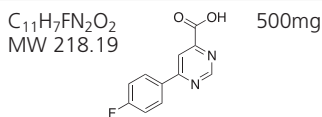
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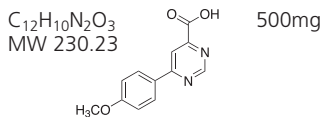
L48,018-5



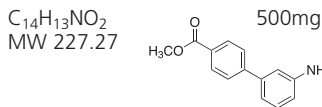
L30,036-5



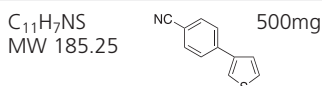
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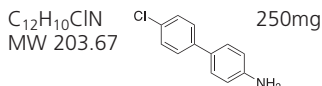
L48,020-7



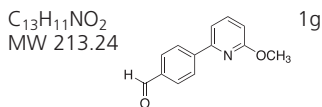
L30,065-9



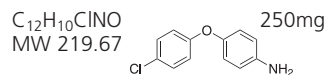
L30,082-9



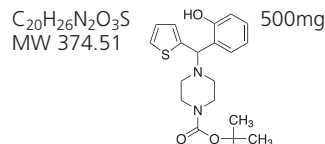
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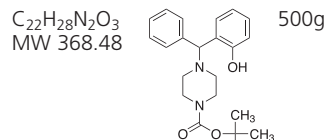
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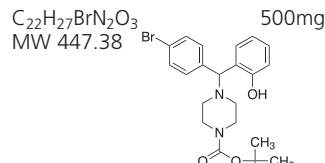
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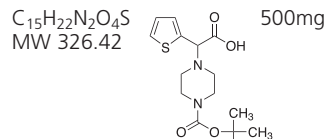
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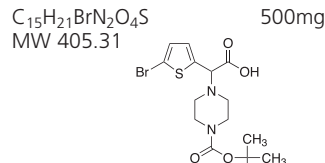
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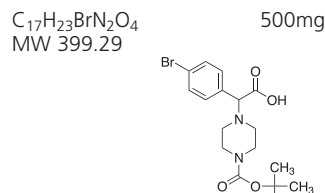
L48,026-6



L48,027-4



L48,028-2



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