



ChemFiles

SmartBlocs™

Tools for Medicinal Chemistry

Vol. 3 No. 7

Brominated & Aldehyde
Building Blocks

CombiKits™ Vials or
Titerplates

Piperazines for
Medicinal Chemistry

Aldehyde Functionalized
Resins & Scavengers

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Studies

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SmartBlocs™


The synthesis of a Combinatorial Library typically is based upon a proprietary core coupled to a series of diversity elements. The most difficult decision the combinatorial or medicinal chemist faces, is how to attach the desired diversity elements to the proprietary core. One answer to this synthetic dilemma is to identify a set of orthogonally reactive building blocks that can link the core to the diversity elements. The SmartBlocs™ are a compilation of orthogonally reactive building blocks that can serve this critical link in designing a library. The SmartBlocs™ were chosen because of their ability to undergo two distinctly different and

potentially non-conflicting types of reactions. The Smartblocs™, having been designed to contain 2 points of reactivity, could also serve as the common synthetic core for library synthesis. Hand selected by medicinal chemists, these building blocks have been arranged by functional group for your convenience and 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.


Aldehydes

Heterocycles


2-Imidazolecarboxaldehyde, 97%

27,200-0
C₄H₄N₂O  250mg
1g
5g


4(5)-Imidazolecarboxaldehyde, 98%

45,612-8
C₄H₄N₂O  1g
5g


5-Bromo-2-thiophenecarboxaldehyde, 95%

15,262-5
C₅H₃BrOS  5g
25g
100g


4-Bromo-2-thiophenecarboxaldehyde, 90%

28,345-2
C₅H₃BrOS  5g
25g


5-Bromo-2-furaldehyde, 97%

43,398-5
C₅H₃BrO₂  1g
10g


Pyrrrole-2-carboxaldehyde, 98%

P7,340-4
C₅H₅NO  5g
25g
100g


4-Methyl-5-imidazolecarboxaldehyde, 99%

39,215-4
C₅H₆N₂O  5g


3,5-Dichloro-4-pyridinecarboxaldehyde, 97%

57,247-0
C₆H₃Cl₂NO  1g
5g
(NEW)


6-Bromo-2-pyridinecarboxaldehyde, 97%

52,569-3
C₆H₄BrNO  1g
10g

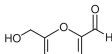
6-Bromopyridine-3-carbaldehyde, 97%

59,628-0
C₆H₄BrNO  1g
5g
(NEW)


6-Chloropyridine-3-carboxaldehyde, 97%

59,617-5
C₆H₄ClNO  1g
5g
(NEW)

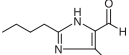
5-(Hydroxymethyl)furfural, 99%

H4,080-7
C₆H₆O₃  250mg
1g
5g

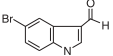
6-Methoxy-3-pyridinecarboxaldehyde, 98%

53,306-8
C₇H₇NO₂  5g

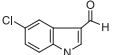
2-Butyl-4-chloro-5-formylimidazole, 97%

55,988-1
C₈H₁₁ClN₂O  25g

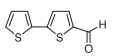
5-Bromoindole-3-carboxaldehyde, 98%

51,874-3
C₉H₆BrNO  5g

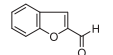
5-Chloroindole-3-carboxaldehyde, 98%

53,307-6
C₉H₆ClNO  5g

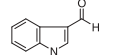
2,2'-Bithiophene-5-carbaldehyde, 98%

57,670-0
C₉H₆OS₂  1g
5g
(NEW)

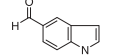
2-Benzofurancarboxaldehyde, 97%

49,344-9
C₉H₆O₂  1g
5g

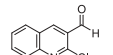
Indole-3-carboxaldehyde, 97%

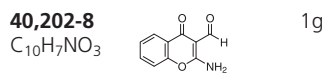
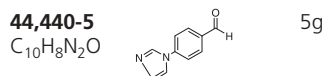
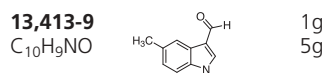
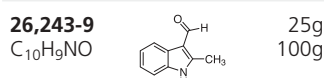
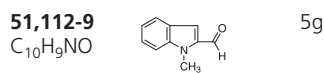
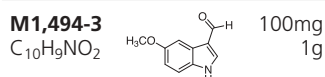
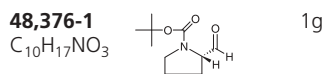
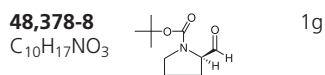
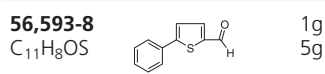
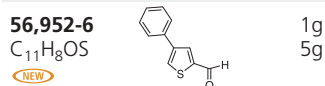
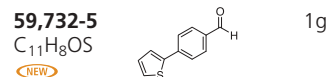
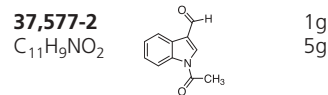
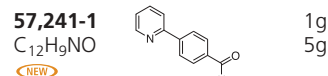
12,944-5
C₉H₇NO  5g
25g

Indole-5-carboxaldehyde, 98%

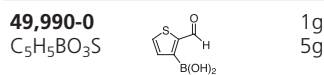
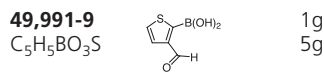
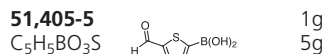
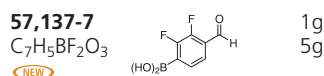
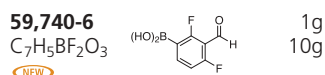
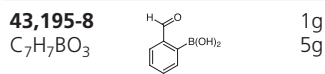
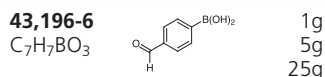
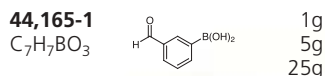
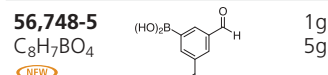
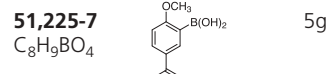
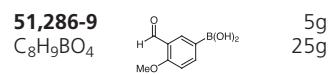
51,383-0
C₉H₇NO  5g

2-Chloro-3-quinolinecarboxaldehyde, 98%

39,011-9
C₁₀H₆ClNO  1g
10g

2-Amino-3-formylchromone, 97%**4-(1H-Imidazol-1-yl)benzaldehyde, 98%****5-Methylindole-3-carboxaldehyde, 97%****2-Methylindole-3-carboxaldehyde, 97%****1-Methylindole-2-carboxaldehyde, 97%****5-Methoxyindole-3-carboxaldehyde, 99+%****N-(tert-Butoxycarbonyl)-L-prolinal, 97%****N-(tert-Butoxycarbonyl)-D-prolinal, 97%****5-Phenyl-2-thiophenecarboxaldehyde, 98%****4-Phenyl-2-thiophenecarboxaldehyde, 96%****4-(2-Thienyl)benzaldehyde, 97%****1-Acetyl-3-indolecarboxaldehyde, 98%****4-(2-Pyridyl)benzaldehyde, 99%**

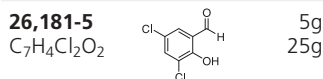
Boronic Acids

2-Formyl-3-thiopheneboronic acid**3-Formyl-2-thiopheneboronic acid****5-Formyl-2-thiopheneboronic acid****2,3-Difluoro-4-formylphenylboronic acid****2,4-Difluoro-3-formylphenylboronic acid****2-Formylphenylboronic acid****4-Formylphenylboronic acid****3-Formylphenylboronic acid****3,5-Diformylphenylboronic acid****5-Formyl-2-methoxyphenylboronic acid****3-Formyl-4-methoxyphenylboronic acid**

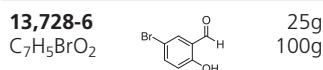
Ready to scale up? For larger quantities, please contact Sigma-Aldrich Fine Chemicals at 1-800-336-9719 (USA) or your local office.

Salicylaldehyde-Like

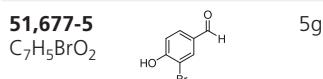
3,5-Dichlorosalicylaldehyde, 99%



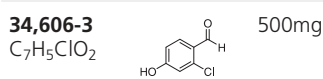
5-Bromosalicylaldehyde, 98%



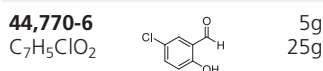
3-Bromo-4-hydroxybenzaldehyde, 97%



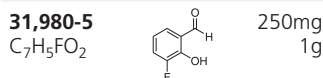
2-Chloro-4-hydroxybenzaldehyde, 97%



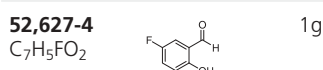
5-Chlorosalicylaldehyde, 98%



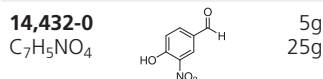
3-Fluorosalicilylaldehyde, 97%



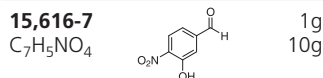
5-Fluoro-2-hydroxybenzaldehyde, 97%



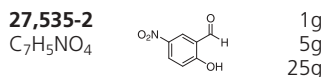
4-Hydroxy-3-nitrobenzaldehyde, 97%



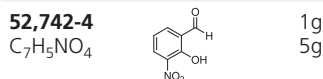
3-Hydroxy-4-nitrobenzaldehyde, 97%



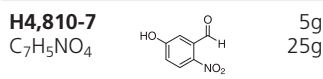
2-Hydroxy-5-nitrobenzaldehyde, 99%



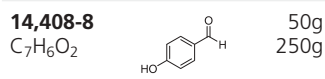
2-Hydroxy-3-nitrobenzaldehyde, 98%



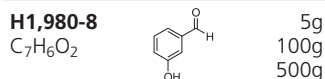
5-Hydroxy-2-nitrobenzaldehyde, 98%



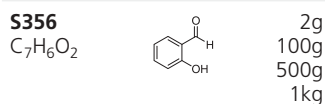
4-Hydroxybenzaldehyde, 98%



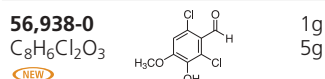
3-Hydroxybenzaldehyde, 97%



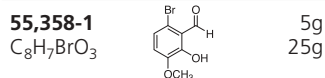
Salicylaldehyde, 98%



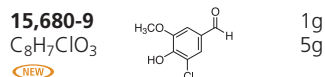
2,6-Dichloro-3-hydroxy-4-methoxybenzaldehyde



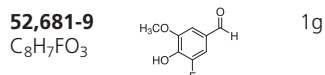
6-Bromo-2-hydroxy-3-methoxybenzaldehyde, 98%



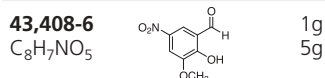
3-Chloro-4-hydroxy-5-methoxybenzaldehyde, 96%



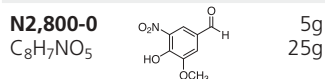
3-Fluoro-4-hydroxy-5-methoxybenzaldehyde, 97%



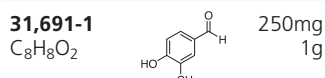
3-Methoxy-5-nitrosalicilylaldehyde, 98%



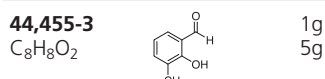
5-Nitrovanillin, 97%



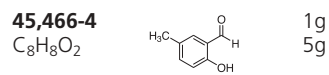
4-Hydroxy-3-methylbenzaldehyde, 97%



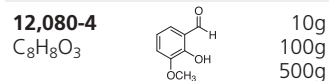
2-Hydroxy-3-methylbenzaldehyde, 98%



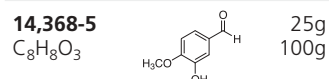
2-Hydroxy-5-methylbenzaldehyde, 98%



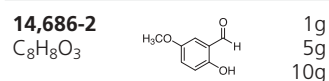
o-Vanillin, 99%



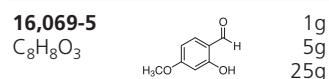
3-Hydroxy-4-methoxybenzaldehyde, 99%



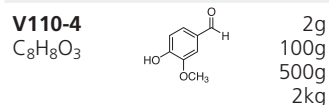
2-Hydroxy-5-methoxybenzaldehyde, 98%



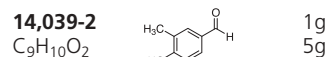
2-Hydroxy-4-methoxybenzaldehyde, 98%



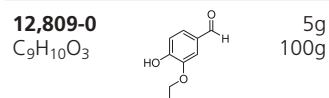
Vanillin, 99%



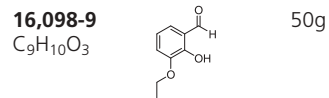
3,5-Dimethyl-4-hydroxybenzaldehyde, 95%



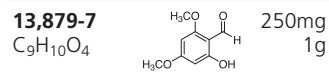
3-Ethoxy-4-hydroxybenzaldehyde, 99%



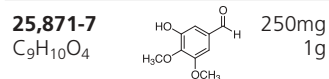
3-Ethoxysalicilylaldehyde, 97%




4,6-Dimethoxysalicilylaldehyde, 98%




3,4-Dimethoxy-5-hydroxybenzaldehyde, 98%




2,6-Dimethoxy-4-hydroxybenzaldehyde, 95%

39,293-6  250mg
 $C_9H_{10}O_4$ 1g

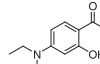
Syringaldehyde, 98%

5760-2  2g
 $C_9H_{10}O_4$ 5g
 25g
 100g


2-Hydroxy-1-naphthaldehyde, tech.

H4,535-3  25g
 $C_{11}H_8O_2$ 100g
 500g


4-(Diethylamino)salicylaldehyde, 98%

22,568-1  5g
 $C_{11}H_{15}NO_2$ 25g


Acids & Esters**Glyoxylic acid monohydrate, 98%**

G1,060-1  10g
 $C_2H_2O_3$ 25g
 $\cdot H_2O$ 100g


N-Formylglycine

47723  5g
 $C_3H_5NO_3$


Succinic semialdehyde, 15 wt. % solution in water

28,718-0  1mL
 $C_4H_6O_3$ 5mL


(S)-(-)-2-Formamidosuccinic anhydride, tech., 90%

42,158-8  5g
 $C_5H_5NO_4$ 25g


Methyl 4-oxobutanoate, 97%

58,909-8  100mg
 $C_5H_8O_3$ 1g
 10g


Ethyl 2-formyl-1-cyclopropanecarboxylate, 96%, predominantly trans

15,727-9  5g
 $C_7H_{10}O_3$ 10g


Ethyl 3-methyl-4-oxocrotonate

68259  50mL
 $C_7H_{10}O_3$ 250mL


2-Carboxybenzaldehyde, 97%

11,601-7  25g
 $C_8H_6O_3$ 100g


4-Carboxybenzaldehyde

12,491-5  10g
 $C_8H_6O_3$ 25g
 100g


3-Carboxybenzaldehyde, 97%

23,279-3  250mg
 $C_8H_6O_3$ 1g
 5g


Methyl 4-formyl-3-nitrobenzoate, 97%

57,848-7  1g
 $C_9H_7NO_5$ 5g

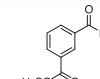
Methyl 3-formyl-4-nitrobenzoate

59,065-7  1g
 $C_9H_7NO_5$ 5g

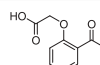
Methyl 4-formylbenzoate, 99%

24,474-0  1g
 $C_9H_8O_3$ 5g

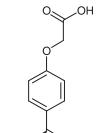
Methyl 3-formylbenzoate

47749  1g
 $C_9H_8O_3$ 5g

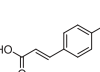
2-Formylphenoxyacetic acid, 97%

15,215-3  25g
 $C_9H_8O_4$ 100g


4-Formylphenoxyacetic acid

47743  5g
 $C_9H_8O_4$ 25g


4-Formylcinnamic acid, predominantly trans

17,876-4  1g
 $C_{10}H_8O_3$ 5g
 25g


Formanilides**N-(2-Chlorophenyl)formamide**

59,291-9  1g
 C_7H_6ClNO


N-(4-Chlorophenyl)formamide, 97%

59,303-6  1g
 C_7H_6ClNO

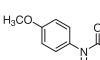
N-(4-Nitrophenyl)formamide, 97%

59,347-8  1g
 $C_7H_6N_2O_3$ 5g

N-(2-Chloro-6-methylphenyl)formamide, 97%

59,313-3  1g
 C_8H_8ClNO

N-(4-Methoxyphenyl)formamide, 97%


59,324-9  1g
 $C_8H_9NO_2$




Ready to scale up? For larger quantities, please contact Sigma-Aldrich Fine Chemicals at 1-800-336-9719 (USA) or your local office.

Arylaldehydes


4-Bromo-3-nitrobenzaldehyde, 97%

52,315-1
 $C_7H_4BrNO_3$

 1g
 5g
 (NEW)


2-Fluoro-5-iodobenzaldehyde, 97%

54,331-4
 C_7H_4FIO

 1g


2-Bromobenzaldehyde, 98%

B5,700-1
 C_7H_5BrO

 10g
 25g


3-Bromobenzaldehyde, 97%

B5,720-6
 C_7H_5BrO

 10g
 25g


4-Bromobenzaldehyde, 99%

B5,740-0
 C_7H_5BrO

 10g
 25g
 100g


2,2-Difluoro-5-formylbenzodioxole, 97%

59,442-3
 $C_8H_4F_2O_3$

 1g
 5g
 (NEW)


3-Nitro-4-(trifluoromethyl)benzaldehyde, 97%

51,833-6
 $C_8H_4F_3NO_3$

 1g
 (NEW)


6-Bromopiperonal, 97%

56,301-3
 $C_8H_5BrO_3$

 10g
 50g


5-Bromo-1,3-benzodioxole-4-carboxaldehyde, 96%

59,737-6
 $C_8H_5BrO_3$

 1g
 5g
 (NEW)


3-Chloro-4-methoxybenzaldehyde, 97%

56,504-0
 $C_8H_7ClO_2$

 1g
 5g


2-Fluoro-6-methoxybenzaldehyde, 98%

53,673-3
 $C_8H_7FO_2$

 1g
 5g


2-Fluoro-3-methoxybenzaldehyde, 97%

59,726-0
 $C_8H_7FO_2$

 1g
 5g
 (NEW)


2-Ethynylbenzaldehyde, 97%

59,063-0
 C_9H_6O

 1g
 5g
 (NEW)


4-Ethynylbenzaldehyde, 97%

59,743-0
 C_9H_6O

 1g
 5g
 (NEW)


5-Bromo-2,3-dimethoxybenzaldehyde, 97%

55,335-2
 $C_9H_9BrO_3$

 1g
 5g


3-Chloro-4,5-dimethoxybenzaldehyde, 97%

56,939-9
 $C_9H_9ClO_3$

 1g
 5g
 (NEW)


5-Chloro-2,3-dimethoxybenzaldehyde, 97%

57,100-8
 $C_9H_9ClO_3$

 1g
 5g
 (NEW)

4-(2-Bromoethoxy)-3-methoxybenzaldehyde, 97%

59,747-3
 $C_{10}H_{11}BrO_3$

 1g
 5g
 (NEW)

3,4-Diethoxybenzaldehyde, 97%

56,492-9
 $C_{11}H_{14}O_3$

 5g
 (NEW)

CHO Functionalized Resins

The following resins are useful for the solid-phase preparation of secondary sulfonamides, amides, ureas, and carbamates, and feature dilute acid labile linkers.¹⁻⁷

- 51,644-9** AMEBA resin, 1% DVB, 100-200 mesh, 1.0-1.5 mmol/g
53,821-3 4-Benzyloxy-2,6-dimethoxybenzaldehyde, polymer-bound, 1% DVB, 100-200 mesh, 1.0-1.5 mmol/g
51,627-9 3-Formyl-1-indoleacetic acid, polymer-bound, 1% DVB, 200-400 mesh, ca. 1.0 mmol/g
53,242-8 Formylpolystyrene, 2% DVB, 100-200 mesh, 2.0-3.0 mmol/g

References: (1) Wilson, T.W. et al. *Tetrahedron Lett.* **1997**, 38, 7151. (2) Sarantakis, D. et al. *Tetrahedron Lett.* **1997**, 38, 7325. (3) Flygare, J.A. et al. *J. Org. Chem.* **1998**, 63, 196. (4) Bilodeau, M.T. et al. *J. Org. Chem.* **1998**, 63, 2800. (5) Estep, K.G. et al. *J. Org. Chem.* **1998**, 63, 5300. (6) Yan, B. et al. *J. Comb. Chem.* **2000**, 2, 66. (7) Cossey, J. et al. *J. Org. Chem.* **2001**, 66, 7195.

Aldehyde Scavengers

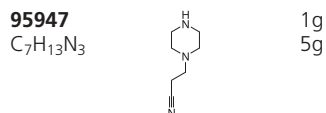
Selectively remove excess reagent and/or impurities using these scavenger resins.¹⁻³

- 47,209-3** Ethylenediamine, polymer-bound, 1% DVB, 200-400 mesh, 2.5-3.0 mmol/g
53,791-8 3-(Ethylenediamino)propyl-functionalized silica gel, 200-400 mesh, ca. 2.5 mmol/g
47,367-7 Poly(styrene-co-divinylbenzene), aminomethylated, 2% DVB, 200-400 mesh, ca. 4 mmol/g
36,425-8 3-Aminopropyl-functionalized silica gel, 200-400 mesh, ca. 1.0 mmol/g
51,620-1 Sulfonyl amide, polymer-supported, 1% DVB, 100-200 mesh, 1.5-2.0 mmol/g
53,793-4 2-Ethyl-benzenesulfonamide-functionalized silica gel, 200-400 mesh, 0.6-0.9 mmol/g
53,232-0 *p*-Toluenesulfonyl hydrazide, polymer-bound, 1% DVB, 100-200 mesh, ca. 2.5 mmol/g
55,259-3 2-(4-Toluenesulfonyl hydrazino)ethyl functionalized silica gel, 200-400 mesh, ca. 2.0 mmol/g

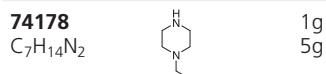
References: (1) Flynn, D.L. et al. *J. Am. Chem. Soc.* **1997**, 119, 4874. (2) Chen, J. et al. *Tetrahedron Lett.* **1999**, 40, 9195. (3) Kaldor, S.W. et al. *Tetrahedron Lett.* **1996**, 37, 7193.

New Piperazines from Fluka

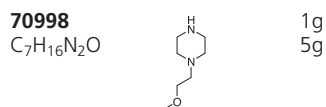
3-Piperazino-propionitrile



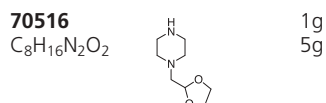
1-Allyl-piperazine



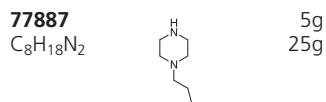
1-(2-Methoxyethyl)-piperazine



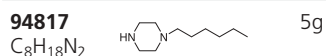
1-(1,3-Dioxolan-2-ylmethyl)-piperazine



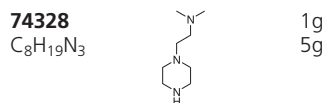
1-Butyl-piperazine



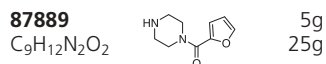
1-Hexyl-piperazine



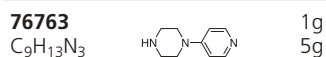
1-(2-(Dimethylamino)-ethyl)-piperazine



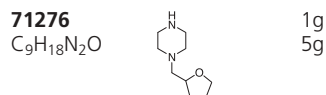
1-(2-Furoyl)-piperazine



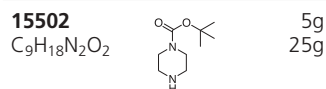
1-(4-Pyridyl)-piperazine



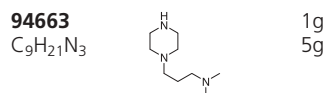
1-(Tetrahydro-2-furylmethyl)piperazine



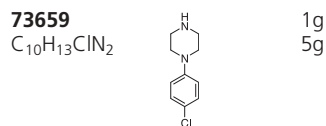
1-BOC-piperazine



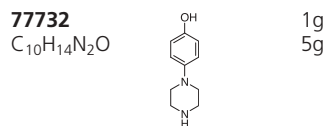
1-(3-(Dimethylamino)-propyl)-piperazine



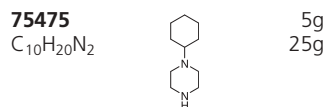
1-(4-Chlorophenyl)-piperazine



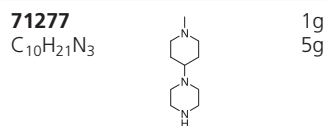
1-(4-Hydroxyphenyl)-piperazine



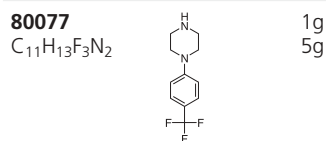
1-Cyclohexyl-piperazine



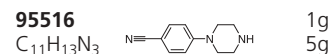
1-(1-Methyl-4-piperidinyl)-piperazine



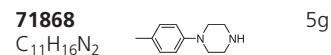
1-(4-Trifluoromethylphenyl)-piperazine



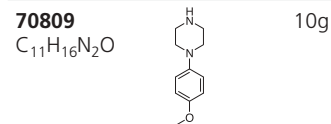
4-Piperazinobenzonitrile



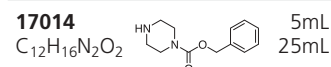
1-(4-Methylphenyl)-piperazine



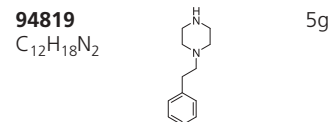
1-(4-Methoxyphenyl)-piperazine



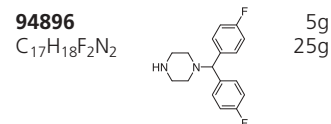
1-Z-piperazine



1-(2-Phenylethyl)-piperazine



1-(Bis-(4-fluorophenyl)-methyl)-piperazine



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For technical assistance or to order, please call your local Sigma-Aldrich office


ALDRICH

New
Piperazines from Fluka


Bromides

Heterocycles

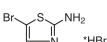
4-Bromopyrazole, 99%

37,482-2
C₃H₃BrN₂  1g
10g


4-Bromo-1H-imidazole, 97%

47,869-5
C₃H₃BrN₂  1g


2-Amino-5-bromothiazole monohydrobromide, 97%

12,802-3
C₃H₃BrN₂S  5g
25g


Epibromohydrin, 98%

E101-2
C₃H₅BrO  5g
100g
500g


5-Bromo-2-chloropyrimidine, 96%

59,694-9
C₄H₂BrClN₂  1g
5g


2-Bromo-5-chlorothiophene, 95%

32,976-2
C₄H₂BrClS  5g
25g


3-Bromo-2-chlorothiophene, 98%

51,238-9
C₄H₂BrClS  1g


5-Bromo-2-hydroxypyrimidine, 95%

58,817-2
C₄H₃BrN₂O  1g
5g


5-Bromouracil, 98%

85,247-3
C₄H₃BrN₂O₂  5g
25g


2-Amino-5-bromopyrimidine, 98%

30,352-6
C₄H₄BrN₃  1g
5g


5-Bromocytosine, 99%

15,064-9
C₄H₄BrN₃O  250mg
1g


4-Bromo-3-methylpyrazole, 97%

27,823-8
C₄H₅BrN₂  1g
5g


S-(-)-4-Bromo-1,2-epoxybutane

16995
C₄H₇BrO  1mL


5-Bromothiophene-2-carbonitrile, 97%

57,443-0
C₅H₂BrNS  1g


2,3-Dibromo-N-methylmaleimide, 99%

59,593-4
C₅H₃Br₂NO₂  1g
5g


2-Bromo-5-fluoropyridine, 97%

59,567-5
C₅H₃BrFN  1g
5g


5-Bromo-2-iodopyridine, 97%

56,960-7
C₅H₃BrIN  5g
25g


6-Bromopurine, 98%

10,498-1
C₅H₃BrN₄  1g
5g


3-Bromothiophene-2-carboxylic acid

63,301-1
C₅H₃BrO₂S  5g
25g


5-Bromo-2-furoic acid, 99%

B6,740-6
C₅H₃BrO₃  25g
100g


2-Bromo-3-pyridinol, 99%

11,617-3
C₅H₄BrNO  5g
25g


2-Amino-5-bromopyridine, 97%

12,285-8
C₅H₅BrN  5g
25g


2-Amino-6-bromopyridine, 98%

52,174-4
C₅H₅BrN₂  5g
25g


4-Bromo-3,5-dimethylpyrazole, 99%

B6,440-7
C₅H₇BrN₂  1g
10g


2-Acetyl-3-bromothiophene

63,305-4
C₆H₅BrOS  5g
25g


3-Bromo-6-hydroxy-2-methylpyridine

59,320-6
C₆H₆BrNO  1g


2-Amino-5-bromo-3-methylpyridine, 97%

52,553-7
C₆H₇BrN₂  1g
5g


2-Amino-3-bromo-5-methylpyridine, 98%

54,307-1
C₆H₇BrN₂  1g
5g


6-Amino-3-bromo-2-methylpyridine, 97%

54,840-5
C₆H₇BrN₂  1g
5g


2-Amino-5-bromo-4-methylpyridine, 98%

57,678-6
C₆H₇BrN₂  1g
5g
25g


3-Acetyl-6-bromopyridine, 97%

59,594-2
C₇H₆BrNO  1g
5g


2-Acetyl-6-bromopyridine, 97%

59,787-2
C₇H₆BrNO  1g
5g


5-Bromo-2-methoxy-4-methylpyridine, 96+%

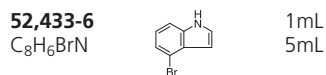
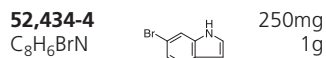
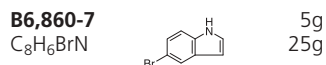
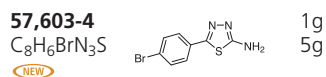
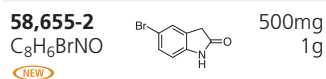
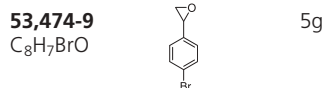
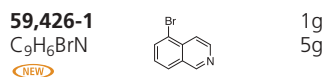
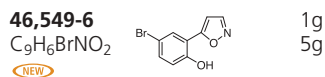
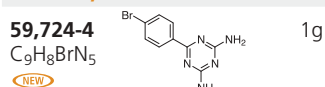
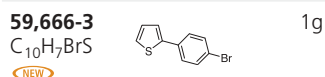
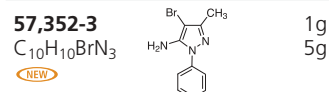
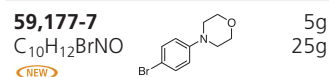
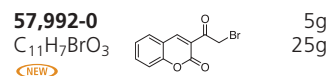
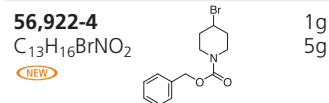
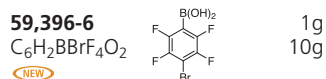
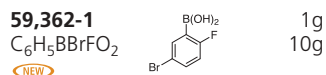
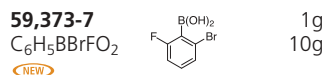
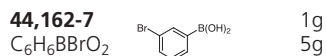
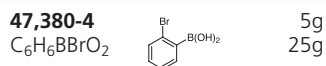
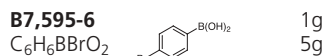
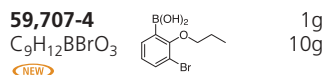
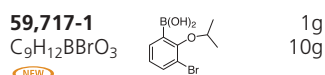
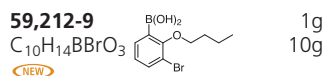
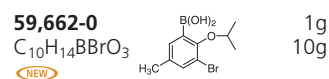
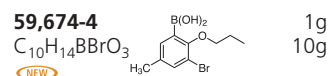
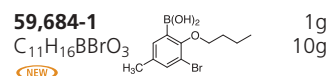
58,887-3
C₇H₈BrNO  1g
5g

5-Bromo-2,2'-bithiophene, 96%

52,285-6
C₈H₅BrS₂  1g

7-Bromoindole, 96%


47,372-3
C₈H₆BrN  250mg
1g
5g

4-Bromoindole, 96%**6-Bromoindole, 96%****5-Bromoindole, 99%****2-Amino-5-(4-bromophenyl)-1,3,4-thiadiazole, 97%****5-Bromo-2-oxindole, 97%****2-(4-Bromophenyl)oxirane, 96%****5-Bromoisoquinoline, 98%****4-Bromo-2-(5-isoxazolyl)phenol, 97%****2,4-Diamino-6-(4-bromophenyl)-1,3,5-triazine, 97%****2-(4-Bromophenyl)thiophene, 97%****4-Bromo-5-methyl-2-phenyl-2H-pyrazol-3-ylamine, 96%****N-(4-Bromophenyl)morpholine, 97%****3-(Bromoacetyl)coumarin, 97%****4-Bromo-N-Z-piperidine, 96%****Boronic Acids****4-Bromo-2,3,5,6-tetrafluorophenylboronic acid****5-Bromo-2-fluorophenylboronic acid****2-Bromo-6-fluorophenylboronic acid****3-Bromophenylboronic acid****2-Bromophenylboronic acid****4-Bromophenylboronic acid****3-Bromo-2-propoxyphenylboronic acid****3-Bromo-2-isopropoxyphenylboronic acid****3-Bromo-2-butoxyphenylboronic acid****3-Bromo-2-isopropoxy-5-methylphenylboronic acid****3-Bromo-5-methyl-2-propoxyphenylboronic acid****3-Bromo-2-butoxy-5-methylphenylboronic acid**

Ready to scale up? For larger quantities, please contact Sigma-Aldrich Fine Chemicals at 1-800-336-9719 (USA) or your local office.

Alkenes & Alkynes


trans-1-Bromo-2-iodoethene, 97%

57,780-4  5g
 C₂H₂BrI 25g
 (NEW)


1-Bromo-2-butyne, 99%

42,729-2  1g
 C₄H₅Br 5g


4-Bromo-1-butene, 97%

16,785-1  1g
 C₄H₇Br 10g
 50g


cis,trans-Crotyl bromide, stab.

28100  100mL
 C₄H₇Br


1-Bromo-2-pentyne, 97%

42,953-8  1g
 C₅H₇Br 10g


5-Bromo-1-pentene, 95%

25,390-1  1g
 C₅H₉Br 5g
 25g

4-Bromo-2-methyl-2-butene, 96%

27,437-2  1g
 C₅H₉Br 10g


**1-Bromo-2-pentene, 95%,
predominantly trans**

34,011-1  1g
 C₅H₉Br 5g


**1-Bromo-2-pentene, 95%,
predominantly cis**

42,430-7  1g
 C₅H₉Br 5g


2-Bromo-3-methyl-2-butene, 96%

37,128-9  5mL
 C₅H₉Br 25mL


3-Bromocyclohexene, tech., 90%

33,354-9  10mL
 C₆H₉Br 50mL
 250mL

6-Bromo-1-hexene, 95%

24,721-9  1g
 C₆H₁₁Br 5g

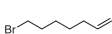
5-Bromo-2-methyl-2-pentene, 97%

26,250-1  1g
 C₆H₁₁Br 5g


syn-7-Bromobicyclo(2.2.1)hept-2-ene

16478  1mL
 C₇H₉Br 5mL


7-Bromo-1-heptene, 97+%

52,751-3  1g
 C₇H₁₃Br 5g


**4-Bromo-1-ethynyl-2-fluorobenzene,
96%**

51,925-1  5g
 C₈H₄BrF


1-Bromo-4-ethynylbenzene, 97%

20,651-2  250mg
 C₈H₅Br 1g


1-Bromo-2-ethynylbenzene, 95%

49,417-8  1g
 C₈H₅Br


4-Bromostyrene, 98%

12,414-1  1g
 C₈H₇Br 10g
 25g

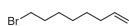
3-Bromostyrene, 97%

13,267-5  1g
 C₈H₇Br 5g

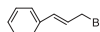
2-Bromostyrene, 97%

13,268-3  1g
 C₈H₇Br 5g

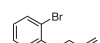
8-Bromo-1-octene, 97%

25,230-1  1g
 C₈H₁₅Br 5g

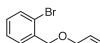
Cinnamyl bromide, 97%

C8,121-7  5g
 C₉H₉Br 25g
 100g

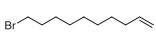
4-(2-Bromophenyl)-1-butene, 95%

58,685-4  1g
 C₁₀H₁₁BrO
 (NEW)

Allyl-2-bromobenzyl ether, 95%


58,689-7  1g
 C₁₀H₁₁BrO 5g
 (NEW)

10-Bromo-1-decene, 97%


56,085-5  1g
 C₁₀H₁₉Br 5g

Alcohols & Phenols


2-Bromoethanol, 95%

B6,558-6
C₂H₅BrO
 5g
100g
500g


2-Bromo-2-nitro-1,3-propanediol, 98%

13,470-8
C₃H₆BrNO₄
 25g
100g


3-Bromo-1-propanol, 97%

16,716-9
C₃H₇BrO
 5g
25g
100g


1-Bromo-2-propanol, tech., 70%

23,843-0
C₃H₇BrO
 10g
50g


3-Bromo-1,2-propanediol, 97%

22,613-0
C₃H₇BrO₂
 5g
25g

3-Bromo-3-buten-1-ol, 98%

41,088-8
C₄H₇BrO
 1g
10g


(S)-(+)-3-Bromo-2-methyl-1-propanol, 97%

32,505-8
C₄H₉BrO
 1g


(R)-(-)-3-Bromo-2-methyl-1-propanol, 97%

32,506-6
C₄H₉BrO
 1g


3-Bromo-2,2-dimethyl-1-propanol, 96%

30,955-9
C₅H₁₁BrO
 5mL


2-(Bromomethyl)-2-(hydroxymethyl)-1,3-propanediol, 98%

38,017-2
C₅H₁₁BrO₃
 1g
5g


2-Bromo-4-fluorophenol, 98%

30,246-5
C₆H₄BrFO
 1g
5g


4-Bromo-2-fluorophenol, 98%

31,629-6
C₆H₄BrFO
 5g
25g


2-Bromo-5-fluorophenol, 97%

38,035-0
C₆H₄BrFO
 1g
5g


3-Bromophenol, 98%

10,107-9
C₆H₅BrO
 10g
25g
100g


2-Bromophenol, 98%

13,091-5
C₆H₅BrO
 1g
10g
50g


4-Bromophenol, 99%

B7,580-8
C₆H₅BrO
 5g
100g
500g


2-Bromobenzenethiol, 97%

24,265-9
C₆H₅BrS
 1g
10g
50g

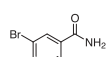
3-Bromobenzenethiol, 95%

25,930-6
C₆H₅BrS
 1g
5g


4-Bromobenzenethiol, 95%

B8,195-6
C₆H₅BrS
 5g
25g


5-Bromosalicylamide, 97%

63,120-5
C₇H₆BrNO₂
 5g
25g


2-Bromobenzyl alcohol, 99%

18,427-6
C₇H₇BrO
 10g
50g

4-Bromobenzyl alcohol, 99%

18,705-4
C₇H₇BrO
 10g
50g


3-Bromobenzyl alcohol, 99%

18,789-5
C₇H₇BrO
 1g
5g


4-Bromo-3-methylphenol, 98%

44,088-4
C₇H₇BrO
 1g
5g

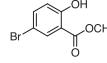
2-Bromo-4-methylphenol, 96%

B7,280-9
C₇H₇BrO
 5g
25g


(2-Bromobenzyl)mercaptan, 97%

59,398-2
C₇H₇BrS
 1g


Methyl 5-bromosalicylate, 95%

12,462-1
C₈H₇BrO₃
 5g
25g


4-Bromo-α-methylbenzyl alcohol, 97%

14,576-9
C₈H₉BrO
 5g
100g


4-Bromophenethyl alcohol, 99%

18,343-1
C₈H₉BrO
 1g
10g


4-Bromo-2,6-dimethylphenol, 97%

19,637-1
C₈H₉BrO
 5g
100g
500g


(S)-(-)-2-Bromo-α-methylbenzyl alcohol, 98%

32,724-7
C₈H₉BrO
 1g
5g


(R)-(+)-2-Bromo-α-methylbenzyl alcohol, 98%

42,979-1
C₈H₉BrO
 1g
5g


3-Bromophenethyl alcohol, 99%

39,452-1
C₈H₉BrO
 250mg
1g
5g


2-Bromophenethyl alcohol, 99%

39,454-8
C₈H₉BrO
 1g
5g

4-Bromo-3,5-dimethylphenol, 99%

B6,420-2
C₈H₉BrO
 5g
25g

(4-Bromophenylthio)dimethyl-tert-butylsilane, 97%

57,136-9
C₁₂H₁₉BrSSi
 100mg
1g
5g



Ready to scale up? For larger quantities, please contact Sigma-Aldrich Fine Chemicals at 1-800-336-9719 (USA) or your local office.

For technical assistance or to order, please call your local Sigma-Aldrich office

Acids & Acid Chlorides

Bromoacetyl chloride

16120		25mL
C_2H_2BrClO		100mL
		500mL

Bromoacetic acid, 99+%

25,935-7		25g
$C_2H_3BrO_2$		100g

2-Bromoacrylic acid, 95%

37,737-6		1g
$C_3H_3BrO_2$		5g

3-Bromopyruvic acid, 98%

23,834-1		5g
$C_3H_3BrO_3$		25g

3-Bromopropionyl chloride, tech.

14,251-4		25g
C_3H_4BrClO		100g

3-Bromopropionic acid, 97%

10,128-1		25g
$C_3H_5BrO_2$		100g
		500g

2-(Bromomethyl)acrylic acid, 98%

21,297-0		1g
$C_4H_5BrO_2$		10g
		50g

4-Bromobutyryl chloride, 95%

25,193-3		5g
C_4H_6BrClO		25g

3-Bromo-4-chlorobenzoic acid, 97%

59,158-0		1g
$C_7H_4BrClO_2$		5g
<small>(NEW)</small>		

2-Bromo-4-fluorobenzoic acid, 97%

36,793-1		1g
$C_7H_4BrFO_2$		5g
<small>(NEW)</small>		

4-Bromo-2-fluorobenzoic acid, 97%

39,238-3		5g
$C_7H_4BrFO_2$		
<small>(NEW)</small>		

4-Bromobenzoic acid, 98%

10,851-0		10g
$C_7H_5BrO_2$		25g
		100g

2-Bromobenzoic acid, 97%

13,767-7		25g
$C_7H_5BrO_2$		100g

3-Bromobenzoic acid, 98%

18,629-5		5g
$C_7H_5BrO_2$		25g

tert-Butyl 3-bromopropionate

57,674-3		5g
$C_7H_{13}BrO_2$		25g
<small>(NEW)</small>		

O-Acetyl-2-bromo-4-fluorophenol, 97%

57,686-7		5g
$C_8H_6BrFO_2$		25g
<small>(NEW)</small>		

2-Amino-3-bromo-5-methylbenzoic acid

63,153-1		1g
$C_8H_8BrNO_2$		5g
<small>(NEW)</small>		

5-Bromo-2-hydroxyhippuric acid, 97%

58,895-4		1g
$C_9H_8BrNO_4$		5g
<small>(NEW)</small>		

3-(4-Bromophenyl)propionic acid, 98%

59,543-8		1g
$C_9H_9BrO_2$		5g
<small>(NEW)</small>		

4-Bromo-3,5-dimethoxybenzoic acid, 97%

57,971-8		5g
$C_9H_9BrO_4$		25g
<small>(NEW)</small>		

3-Amino-3-(3-bromophenyl)propionic acid, 97%

57,345-0		1g
$C_9H_{10}BrNO_2$		
<small>(NEW)</small>		

Ethyl 4-bromophenylacetate

63,135-3		5g
$C_{10}H_{11}BrO_2$		25g
<small>(NEW)</small>		

Ethyl 5-bromo-2-hydroxyhippurate, 97%

59,256-0		5g
$C_{11}H_{12}BrNO_4$		25g
<small>(NEW)</small>		

Arylamines

3-Chloro-2,6-dibromo-4-fluoroaniline, 97%

56,927-5		1g
$C_6H_3Br_2ClFN$		5g
<small>(NEW)</small>		

2-Bromo-6-chloro-4-fluoroaniline, 97%

56,928-3		1g
$C_6H_4BrClFN$		5g
<small>(NEW)</small>		

4-Bromo-2-fluoroaniline, 98%

30,422-0		10g
C_6H_5BrFN		50g

2-Bromo-4-fluoroaniline, 97%

36,905-5		5g
C_6H_5BrFN		

4-Bromo-3-fluoroaniline, 97%

51,871-9		5g
C_6H_5BrFN		

2-Bromo-5-fluoroaniline, 97%

52,890-0		25g
C_6H_5BrFN		

4-Bromoaniline, 97%

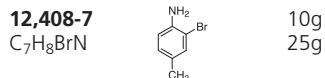
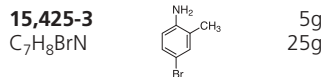
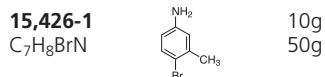
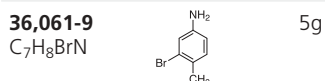
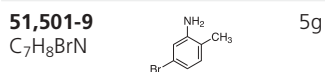
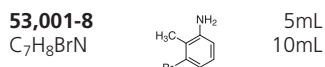
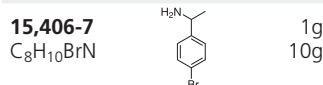
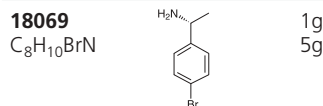
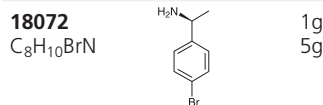
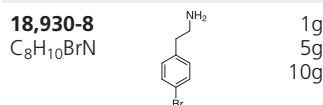
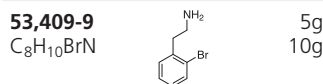
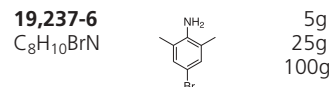
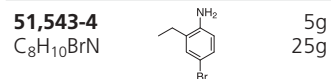
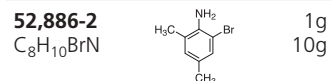
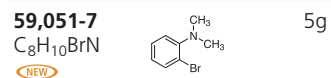
10,090-0		5g
C_6H_6BrN		100g
		500g

3-Bromoaniline, 98%

18,002-5		5g
C_6H_6BrN		25g
		100g

2-Bromoaniline, 98%

B5,642-0		5g
C_6H_6BrN		25g

2-Bromo-4-methylaniline, 98%**4-Bromo-2-methylaniline, 97%****4-Bromo-3-methylaniline, 97%****3-Bromo-4-methylaniline, 98%****5-Bromo-2-methylaniline, 97%****3-Bromo-2-methylaniline, 97%****4-Bromo-α-methylbenzylamine, 98%****(R)-(+)-1-(4-Bromophenyl)ethylamine****(S)-(-)-1-(4-Bromophenyl)ethylamine****4-Bromophenethylamine, 98%****2-Bromophenethylamine, 97%****4-Bromo-2,6-dimethylaniline, 98%****4-Bromo-2-ethylaniline, 96%****2-Bromo-4,6-dimethylaniline, 97%****2-Bromo-N,N-dimethylaniline, 97%**

For technical assistance or to order, please call your local Sigma-Aldrich office

Arylamines

Aldrich Offers CombiKits™

The emerging importance of combinatorial and high-throughput methods in chemistry has resulted in a need for specialized kits of chemicals. We are able to provide a variety of these kits by combining Aldrich's vast chemical inventory and our customized weighing process. Some of our more popular kits have included carboxylic acids, arylboronic acids, amines, and alcohols; we are now pleased to add isocyanates to this list.

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No Minimum Order

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R75,012-3 CombiKits™ - Boronic Acids/Boron Pinacol Esters for combinatorial chemistry - 1 mmol	1 kit
R75,015-8 CombiKits™ - Boronic Acids/Boron Pinacol Esters for combinatorial chemistry - 5 mmol	1 kit
R75,011-5 CombiKits™ - Isocyanates for combinatorial chemistry - 1 mmol	1 kit
R75,013-1 CombiKits™ - Isocyanates for combinatorial chemistry - 5 mmol	1 kit

We can create a kit tailored to your specific requirements.

CombiKits™ is a trademark of Sigma-Aldrich Co.



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Isocyanates, Ketones & Cyanides

2-Bromoethyl isocyanate, 97%

48,339-7
C₃H₄BrNO 5g



2-Bromo-4-fluoro-1-iodobenzene, 97%

59,432-6
C₆H₃BrFI 1g
(NEW) 5g



5-Bromo-3-cyanopyridine, 97%

57,442-2
C₆H₃BrN₂ 1g
(NEW)



2-Bromo-5-chlorobenzotrifluoride, 97%

30,608-8
C₇H₃BrClF₃ 5g
(NEW) 25g



5-Bromo-2-fluorobenzonitrile, 97%

46,525-9
C₇H₃BrFN 1g
(NEW) 5g



3-Bromo-4-fluorobenzonitrile, 97%

57,151-2
C₇H₃BrFN 5g
(NEW) 25g



4-Bromophenyl isocyanate, 99%

24,156-3
C₇H₄BrNO 10g
50g



2-Bromophenyl isocyanate, 97%

25,184-4
C₇H₄BrNO 1g
10g



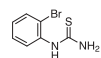
3-Bromophenyl isocyanate, 97%

25,229-8
C₇H₄BrNO 1g
5g



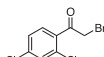
1-(2-Bromophenyl)-2-thiourea

58,698-6
C₇H₇BrN₂S 1g
(NEW) 5g



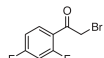
2-Bromo-2',4'-dichloroacetophenone, 97%

59,526-8
C₈H₅BrCl₂O 1g
(NEW) 5g



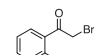
2-Bromo-2',4'-difluoroacetophenone, 97%

59,515-2
C₈H₅BrF₂O 1g
(NEW) 5g



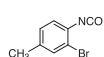
2-Bromo-2'-chloroacetophenone, 95%

59,448-2
C₈H₆BrClO 1g
(NEW) 5g



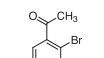
2-Bromo-4-methylphenyl isocyanate, 96%

56,900-3
C₈H₆BrNO 1g
(NEW) 5g



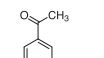
2'-Bromoacetophenone, 99%

18,369-5
C₈H₇BrO 5g
25g



3'-Bromoacetophenone, 99%

B5,635-8
C₈H₇BrO 5g
25g
100g



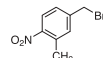
4'-Bromoacetophenone, 98%

B5,640-4
C₈H₇BrO 25g
100g



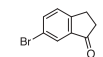
3-Methyl-4-nitrobenzyl bromide, 97%

57,244-6
C₈H₈BrNO₂ 25g
(NEW) 100g



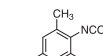
6-Bromo-1-indanone, 98%

59,714-7
C₉H₇BrO 1g
(NEW) 5g



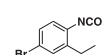
2-Bromo-4,6-dimethylphenyl isocyanate, 96%

56,898-8
C₉H₈BrNO 1g
(NEW) 5g



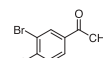
4-Bromo-2-ethylphenyl isocyanate, 95%

56,909-7
C₉H₈BrNO 1g
(NEW) 5g



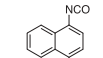
3-Bromo-4-methylacetophenone, 97%

57,973-4
C₉H₈BrO 5g
(NEW)



1-Bromo-4-isocyanatonaphthalene, 97%

56,901-1
C₁₁H₆BrNO 1g
(NEW) 5g



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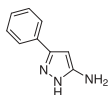
New Building Blocks

for Medicinal Chemistry and Organic Synthesis

Aldrich is proud to offer a series of building blocks called SmartBlocs™, which is a unique collection of products having a wide range of applications in organic synthesis and in medicinal chemistry. These SmartBlocs™ contain two points of reactivity and could serve as the common core for library synthesis. Below are examples of some of the newest additions of heterocyclic monomers and polyfunctional template molecules.

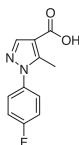
L31,783-7

C₉H₉N₃
MW 159.19
250mg



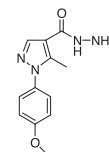
L31,766-7

C₁₁H₉FN₂O₂
MW 220.20
250mg



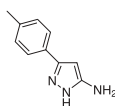
L31,776-4

C₁₂H₁₄N₄O₂
MW 246.27
250mg



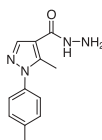
L31,784-5

C₁₀H₁₁N₃
MW 173.22
250mg



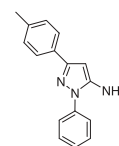
L31,775-6

C₁₂H₁₄N₄O
MW 230.27
250mg



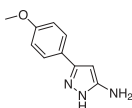
L31,794-2

C₁₆H₁₅N₃
MW 249.32
250mg



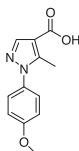
L31,788-8

C₁₀H₁₁N₃O
MW 189.22
250mg



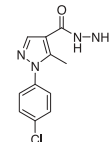
L31,765-9

C₁₂H₁₂N₂O₃
MW 232.24
250mg



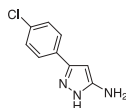
L31,774-8

C₁₁H₁₁ClN₄O
MW 250.69
250mg



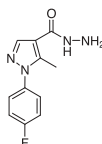
L31,785-3

C₉H₈ClN₃
MW 193.64
250mg



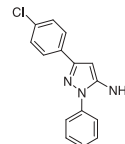
L31,777-2

C₁₁H₁₁FN₄O
MW 234.23
250mg



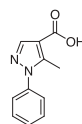
L31,795-0

C₁₅H₁₂ClN₃
MW 269.74
250mg



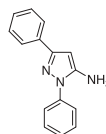
L31,762-4

C₁₁H₁₀N₂O₂
MW 202.21
250mg



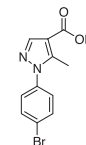
L31,793-4

C₁₅H₁₃N₃
MW 235.29
1g



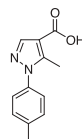
L31,767-5

C₁₁H₉BrN₂O₂
MW 281.11
250mg



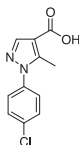
L31,764-0

C₁₂H₁₂N₂O₂
MW 216.24
250mg



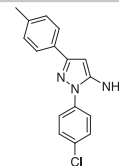
L31,763-2

C₁₁H₉ClN₂O₂
MW 236.66
250mg



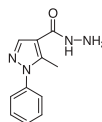
L31,803-5

C₁₆H₁₄ClN₃
MW 283.76
250mg



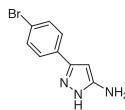
L31,772-1

C₁₁H₁₂N₄O
MW 216.24
250mg



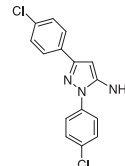
L31,786-1

C₉H₈BrN₃
MW 238.09
250mg



L31,804-3

C₁₅H₁₁Cl₂N₃
MW 304.18
250mg



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