

Cyclopentylamine

Search

Hot Keywords: 18162-48-6,872-50-4,Methylene Chloride,naphthalene,THF,Titanium Dioxide

Cyclopentylamine

Request For Quotation

Cyclopentylamine Suppliers list

Company Name: [Xiamen Eagle Chemical Limited Corporation](#)
 Tel: +86-5925023701 +86-18900207489
 Email: yiyunchem@163.com

Products Intro: Product Name:Cyclopentanamine
 CAS:1003-03-8
 Purity:0.99 Package:25kg/drum or client request

Company Name: [Hebei Chuanghai Biotechnology Co.,LTD](#)
 Tel: +86-13131129325
 Email: sales1@chuanghaibio.com

Products Intro: Product Name:Cyclopentylamine
 CAS:1003-03-8
 Purity:99.% Package:1KG;10.00;USD

Company Name: [Springchem New Material Technology Co.,Limited](#)
 Tel: +86-021-62885108 +8613917661608
 Email: info@spring-chem.com

Products Intro: Product Name:Cyclopentylamine
 CAS:1003-03-8
 Purity:99%, 99.5% Package:1kg, 10kg, 25kg

Company Name: [Capot Chemical Co.,Ltd.](#)
 Tel: 571-85586718 +8613336195806
 Email: sales@capotchem.com

Products Intro: Product Name:Cyclopentylamine
 CAS:1003-03-8
 Purity:NLT 98% Package:1G;1KG;100KG

Cyclopentylamine Basic information

Product Name: Cyclopentylamine

Synonyms: [Cyclopentylamine, 99+% 100GR](#); [Cyclopentylamine, 99+% 25GR](#); [Cyclopentylamine, 99+% 5GR](#); [Cyclopentylamine 99%](#); [Ring amylamine](#); [cb1689](#); [AKOS BBS-00003621](#); [AMINOCYCLOPENTAN E](#)

CAS: **1003-03-8**

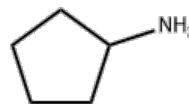
MF: C5H11N

MW: 85.15

EINECS: 213-697-3

Product Categories: [Amines](#); [Building Blocks](#); [C2 to C5](#); [Chemical Synthesis](#); [Nitrogen Compounds](#); [Organic Building Blocks](#); [Pharmaceutical Intermediates](#); [bc0001](#)

Mol File: 1003-03-8.mol



Cyclopentylamine Chemical Properties

Melting point: -85°C

Boiling point: 106-108 °C(lit.)

density: 0.863 g/mL at 25 °C(lit.)

vapor pressure: 26.72hPa at 20°C

refractive index: *n*₂₀/D 1.450(lit.)

Fp: 63 °F

storage temp.: [Flammables area](#)

form: Liquid

pKa: [pK₁:10.65\(+1\) \(25°C\)](#)

color: Clear

explosive limit: 1.3-9.40%(V)

Water Solubility: MISCIBLE

BRN: 635706

LogP: 0.83 at 20°C

CAS DataBase Reference: [1003-03-8\(CAS DataBase Reference\)](#)

NIST Chemistry Reference: [Cyclopentanamine\(1003-03-8\)](#)

EPA Substance Registry System: [Cyclopentanamine \(1003-03-8\)](#)

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| |
|---|
| Email: info@tianfuchem.com |
| Products Intro: Product Name:1003-03-8 Cyclopentylamine CAS:1003-03-8 Purity:99% Package:25KG;5KG;1KG |

| | |
|--------------|-----------|
| RTECS | GY8452000 |
| F | 8-10-23 |
| TSCA | Yes |
| HazardClass | 3 |
| PackingGroup | II |
| HS Code | 29213099 |

MSDS Information**Cyclopentylamine manufacturers****Cyclopentylamine**

\$10.00 / 1KG
2024-09-29
 CAS:1003-03-8
 Min. Order: 1KG
 Purity: 99.%
 Supply Ability: 10 ton

| Provider | Language |
|------------------|----------|
| Cyclopentylamine | English |
| SigmaAldrich | English |
| ACROS | English |
| ALFA | English |

Cyclopentylamine Usage And Synthesis

Chemical Properties [a colorless liquid with an ammoniacal odor.](#)

Uses [Cyclopentylamine acts as an important raw material and intermediate used in organic synthesis and pharmaceuticals. Further, it serves as chemokine receptor 2 antagonists. It acts as a ligand in coordination chemistry and forms cis-dichlorobis\(cyclopentylamine\)platinum \(II\) complex.](#)

Preparation [Cyclopentylamine is produced from cyclopentanone and ammonia over nickel catalysts at 20 MPa and 150 – 200°C in the presence of circulating hydrogen over a fixedbed catalyst.](#)

Application [Cyclopentylamine is used in small amounts as an intermediate for the potato and rice fungicide pencycuron \(Bayer, Nihon Tokushu, Noyaku Seizo\).](#)

Flammability and Explosibility [Highly flammable](#)

Purification Methods [The amine may contain H2O or CO2 in the form of carbamate salt. Dry it over KOH pellets and then distil it from a few pellets of KOH. Store it in a dark, dry CO2-free atmosphere. It is characterised as the thiocyanate salt m 94.50. The benzenesulfonyl derivative has m 68.5-69.50. \[Roberts & Chambers J Am Chem Soc 73 5030 1951, Bollinger et al. J Am Chem Soc 75 1729 1953, Beilstein 12 IV 4.\]](#)

Cyclopentylamine Preparation Products And Raw materials

Raw materials [2,4-difluoro-N-\(2-methoxy-5-\(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl\)pyridin-3-yl\)benzenesulfonamide-->Azidocyclopentane-->Formamide, N-cyclopentyl-->cyclopentanimine-->CYCLOPENTANONE OXIME-->NITROCYCLOPENTANE](#)

Preparation Products [Pencycuron-->\(1R, 3S\)-1, 2, 2-trimethyl-1, 3-cyclopentanediamine-->CYCLOPENTYL ISOTHIOCYANATE-->CYCLOPENTYL-METHYL-AMINE-->TAK-960-->Cyclopentyl chloroformate-->1-BOC-4-CYCLOPENTYLAMINO-PIPERIDINE-->Benzenamine, N-cyclopentyl-3-methoxy-](#)

Tag:**Cyclopentylamine(1003-03-8)** Related Product Information

[1,3-Cyclopentadiene](#) [METHYLCYCLOPENTADIENE DIMER](#) [Propyzamide](#) [Cyclopentanone](#) [Cyclohexylamine](#) [Amylamine](#) [Cyprodinil](#) [N-METHYL CYCLOPENTYLAMINE](#) [CYCLOPENTYL ISOTHIOCYANATE \(2R\)-Bornane-10,2-sultam](#) [3-\(CYCLOPENTYLAMINO\)PROPIONITRILE](#) [NITROCYCLOPENTANE \(R\)-\(+\)-BORNYLAMINE](#) [Cycloleucine](#) [SOLANIDINE](#) [N,N-Dimethyl Cyclopentylamine](#) [Cyclopentane](#) [N6-CYCLOPENTYLADENOSINE](#)

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