

1-methylimidazole CAS616-47-7 PC CAT NMI

Overview:

Methylimidazole, a chemical with molecular formula C₄H₆N₂, is mainly used for deoxyribonucleic acid synthesis.

Chinese name 1-methylimidazole

Foreign name 1-Methylimidazole, Cap B (1-methylimidazole 16% in THF); Cap B (1-methylimidazole 10% in THF); Cap B (1-methylimidazole 12% in acetonitrile/pyridine 78: 10); 1-methyl -1H-imidazole; methyl imidazole; N-Methylimidazole; N-methyl imidazole

Chinese alias 1-methylimidazole, 1-methylimidazole, CAS 616-47-7, methylimidazole, PC CAT NMI, Addocat 102

MDL MFCD00005292

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English aliases: Cap B (1-methylimidazole 16% in THF); Cap B (1-methylimidazole 10% in THF); Cap B (1-methylimidazole 12% in acetonitrile/pyridine 78: 10); 1-methyl-1H- imidazole; methyl imidazole; N-Methylimidazole; N-methyl imidazole;

Relative molecular mass: 82.11

Molecular formula: C₄H₆N₂

CAS Number: 616-47-7



Physical and chemical properties:

1-Methylimidazole is normally a colorless to pale yellow water-like liquid, soluble in water;

1. Character: liquid

2. Relative density: 1.030

3. Refractive index: 1.4970

4. Flash point (°C): 92

5. Melting point (°C): -60
6. Boiling point (°C): 198
7. Appearance: colorless transparent liquid
8. Content: ≥99%
9. Density: 1.03 g/mL at 25 °C
10. Vapor pressure: 0.4 mm Hg (20 °C)

application:

1-Methylimidazole is a heat-sensitive medium-active gel catalyst, etc., mainly used for polyurethane semi-rigid foam, microporous elastomer, etc.;
 1-Methylimidazole can be used as an epoxy curing accelerator, used in combination with anhydride curing agent in epoxy potting compound;

The main purpose:

Uses: For DNA synthesis. Hydroxyacetylation catalyst.

1. Mainly used as curing agent for epoxy resin and other resins; used for casting, bonding and glass steel.
2. Organic synthesis intermediates, resin curing agents, adhesives, etc. It can be used in casting, bonding and glass fiber reinforced plastics.
3. Used as organic synthesis intermediate, resin curing agent, adhesive, etc.

Storage and transportation:

It should be sealed and stored in a dry, cool and ventilated warehouse, and stored in a cool, dry place sealed with nitrogen.

package:

200KG/drum Storage: It is recommended to store in a dry and cool area with proper ventilation. After the original packaging, please fasten the packaging cover as soon as possible to prevent the water and other substances from mixing into the product and affecting its performance. Store in a cool, dry place, keep the container sealed and avoid contact with oxides. Do not breathe dust, avoid skin and mucous membrane contact. Smoking, eating and drinking are prohibited in the workplace. After work, shower and change clothes. Store contaminated clothing separately and wash it before reuse. Maintain good hygiene habits.

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FAQ

Q1: May I get one sample before placing order?

Re: Yes, Sample are available. For normal products, samples are for free and you just need to bear the freight; For those high value products, you just need to freight and certain product cost. When we both cooperate for some times or when you are our VIP customer, free sample will be offered when you need.

Q2: Which payment is available for your company?

Re: T/T, L/C ,You can choose the one which is convenient for you.

Q3: How and when can I get my goods after payment?

Re: For small quantity products, they will be delivered to you by international courier(DHL, FedEx, TNT etc.)

or by air. Usually it will cost 3-5days that you can get the goods after delivery. For large quantity products, shipping by sea is worthwhile. It will cost days to weeks to come to your destination port, which depends on

where the port is.

Q4: Is there any possible to use my appointed label or package?

Re: Yes. If needed, we'd like to use label or package according to your requirement.

Q5: How can you guarantee the goods you offer is qualified?

Re: We always believe honesty and responsibility are basis of one company, so whatever products we provide for you all are qualified.