

1,5-Pentanediamine (Bio-Based)

Cat. No. CEGZ-50285

Lot. No. (See product label)

Introduction

Description

1,5-Pentanediamine, also known as cadaverine, is an important C5 platform compound produced from corn through an advanced bio-fermentation process, making it 100% derived from bio-based renewable carbon.

Applications

Polyamide (nylon) production Isocyanate synthesis Epoxy resin curing agents Fine chemical intermediates

Synonyms

Cadaverine 1,5-Diaminopentane Pentamethylenediamine

Product Information

Appearance

Colorless fuming liquid

Form

Liquid

CAS No.

462-94-2

Molecular Formula

C₅H₁₄N₂

Molecular Weight

102.18

Purity

≥99.5%

Melting Point

9.0°C

Notes

For research and development use only.

Storage and Shipping Information

Storage

Store in a tightly closed container in a cool, dry, well-ventilated place.