

N,N-Dimethyl-L-valine

Cat. No. CEGZ-6902

Lot. No. (See product label)

Introduction

Description

N,N-Dimethyl-L-valine is an N-terminally dimethylated derivative of the proteinogenic amino acid L-valine. The two N-methyl groups eliminate hydrogen-bond donor capacity at the amino terminus and increase the lipophilicity of the residue.

Applications

Used as a building block in peptide synthesis and medicinal chemistry for the preparation of N-methylated peptide analogues with improved stability and permeability, and in natural product synthesis research.

Synonyms

N,N-dimethylvaline; 2-(dimethylamino)-3-methylbutanoic acid

Product Information

CAS No.

2812-32-0

Molecular Formula

C₇H₁₅NO₂

Molecular Weight

145.20

Notes

For research and development use only.

Storage and Shipping Information

Storage

Store in a tightly closed container in a cool, dry place.