

N-Benzyl-L-isoleucine

Cat. No. CEGZ-6995

Lot. No. (See product label)

Introduction

Description

N-Benzyl-L-isoleucine is an N-alkylated derivative of the proteinogenic amino acid L-isoleucine in which the α -amino group bears a benzyl substituent. The carboxyl group remains free, and the benzyl group can be removed by hydrogenolysis.

Applications

Used as an intermediate in organic synthesis and peptide chemistry for the preparation of hydrazinopeptides and N-substituted amino acid derivatives.

Synonyms

N-benzyl-L-isoleucine; (2S,3S)-2-(benzylamino)-3-methylpentanoic acid

Product Information

CAS No.

1859-49-0

Molecular Formula

C₁₃H₁₉NO₂

Molecular Weight

221.29

Notes

For research and development use only.

Storage and Shipping Information

Storage

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