

DL- α -Methylleucine

Cat. No. CEGZ-6918

Lot. No. (See product label)

Introduction

Description

DL- α -Methylleucine is an α -methylated analogue of the proteinogenic amino acid leucine, supplied as the racemic DL mixture. The additional methyl group at the α -carbon creates a quaternary center that markedly restricts backbone conformational freedom.

Applications

Used as a building block and research intermediate for the preparation of conformationally constrained, protease-resistant peptide analogues and in structure-activity relationship studies.

Synonyms

DL-2-amino-2,4-dimethylpentanoic acid; alpha-methyl-DL-leucine

Product Information

CAS No.

144-24-1

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.