Creative Enzymes®

α-Methyl-L-leucine

Cat. No. CEGZ-6940

Lot. No. (See product label)

Introduction

Description	α-Methyl-L-leucine is an α-methylated analogue of the proteinogenic amino acid L-leucine in which the α-hydrogen is replaced by a methyl group, creating a quaternary α-carbon that strongly restricts backbone conformational freedom.
Applications	Used as a building block in peptide synthesis and medicinal chemistry for the preparation of conformationally constrained, protease-resistant peptide analogues.
Synonyms	2-methyl-L-leucine; L-2-amino-2,4-dimethylpentanoic acid

Product Information

CAS No.	105743-53-1
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.