

N α -Fmoc-Nin-Boc- α -methyl-L-tryptophan

Cat. No. CEGZ-6897

Lot. No. (See product label)

Introduction

Description

N α -Fmoc-Nin-Boc- α -methyl-L-tryptophan is a protected α -methylated tryptophan derivative for Fmoc solid-phase peptide synthesis. The Boc group protects the indole nitrogen, while the α -methyl substituent introduces a quaternary α -carbon that restricts backbone conformational flexibility.

Applications

Applied in solid-phase peptide synthesis for the preparation of conformationally constrained, protease-resistant peptide analogues containing α -methyltryptophan residues.

Synonyms

Fmoc- α -methyl-L-tryptophan(Boc); N α -(9-fluorenylmethoxycarbonyl)-Nin-tert-butoxycarbonyl- α -methyl-L-tryptophan

Product Information

CAS No. 1315449-98-9

Molecular Formula C₃₂H₃₂N₂O₆

Molecular Weight 540.6

Notes For research and development use only.

Storage and Shipping Information

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