

N α -Fmoc-N ϵ -MTT-L-lysine

Cat. No. CEGZ-6892

Lot. No. (See product label)

Introduction

Description

N α -Fmoc-N ϵ -MTT-L-lysine is an orthogonally protected lysine derivative for Fmoc solid-phase peptide synthesis. The 4-methyltrityl (MTT) group protects the ϵ -amino side chain and can be removed under very mild acidic conditions that leave Boc and tert-butyl protections intact.

Applications

Used in solid-phase peptide synthesis for site-selective side-chain modification of lysine residues, including the preparation of branched peptides, peptide conjugates, and lipidated peptides.

Synonyms

Fmoc-lysine(MTT); N α -(9-fluorenylmethoxycarbonyl)-N ϵ -(4-methyltrityl)-L-lysine

Product Information

CAS No.

167393-62-6

Molecular Formula

C₄₁H₄₀N₂O₄

Molecular Weight

624.8

Notes

For research and development use only.

Storage and Shipping Information

Storage

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