

N α -Fmoc-S-acetamidomethyl-L-cysteine

Cat. No. CEGZ-6962

Lot. No. (See product label)

Introduction

Description

N α -Fmoc-S-acetamidomethyl-L-cysteine is a cysteine building block for Fmoc solid-phase peptide synthesis in which the thiol group is protected with the acid-stable acetamidomethyl (Acm) group. The Acm protection is compatible with both Boc and Fmoc strategies and is removed by treatment with iodine or heavy-metal reagents after chain assembly.

Applications

Used in solid-phase peptide synthesis for the construction of multi-disulfide peptides and cysteine-containing peptide analogues requiring orthogonal thiol protection.

Synonyms

Fmoc-cysteine(acetamidomethyl); N-(9-fluorenylmethoxycarbonyl)-S-acetamidomethyl-L-cysteine

Product Information

CAS No.

86060-81-3

Molecular Formula

C₂₁H₂₂N₂O₅S

Molecular Weight

414.5

Notes

For research and development use only.

Storage and Shipping Information

Storage

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