Creative Enzymes®

Nα-Fmoc-S-acetamidomethyl-D-cysteine

Cat. No. CEGZ-6890

Lot. No. (See product label)

Introduction

Description	Nα-Fmoc-S-acetamidomethyl-D-cysteine is a D-cysteine building block whose 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 mercury or silver reagents after chain assembly.
Applications	Used in solid-phase peptide synthesis for the construction of multi-disulfide peptides and cysteine-containing D-amino acid peptide analogues requiring orthogonal thiol protection.
Synonyms	Fmoc-D-cysteine(acetamidomethyl); N-(9-fluorenylmethoxycarbonyl)-S-acetamidomethyl-D-cysteine

Product Information

CAS No.	168300-88-7
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.