

N α -Fmoc-S-trityl-D-cysteine

Cat. No. CEGZ-6889

Lot. No. (See product label)

Introduction

Description

N α -Fmoc-S-trityl-D-cysteine is a protected D-cysteine derivative for Fmoc solid-phase peptide synthesis. The trityl group shields the thiol side chain against oxidation and alkylation during chain assembly and is removed by acidolysis, typically with trifluoroacetic acid-based cocktails.

Applications

Applied in solid-phase peptide synthesis for the preparation of disulfide-bridged peptides, cyclic peptides, and peptide analogues containing D-cysteine residues.

Synonyms

Fmoc-D-cysteine(trityl); N-(9-fluorenylmethoxycarbonyl)-S-trityl-D-cysteine

Product Information

CAS No.

167015-11-4

Molecular Formula

C₃₇H₃₁NO₄S

Molecular Weight

585.7

Notes

For research and development use only.

Storage and Shipping Information

Storage

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