

N α -Fmoc-5-aminopentanoic Acid

Cat. No. CEGZ-50021

Lot. No. (See product label)

Introduction

Description

N α -Fmoc-5-aminopentanoic acid is the Fmoc-protected form of 5-aminopentanoic acid (5-aminovaleric acid), a flexible five-carbon amino acid spacer. The Fmoc group is removed under mild basic conditions, making the compound directly compatible with Fmoc solid-phase synthesis protocols.

Applications

Used as a spacer and linker building block in solid-phase peptide synthesis, bioconjugation, and the preparation of peptide conjugates for pharmaceutical research.

Synonyms

Fmoc-5-aminovaleric acid; N-(9-fluorenylmethoxycarbonyl)-5-aminopentanoic acid

Product Information

CAS No.

123622-48-0

Molecular Formula

C₂₀H₂₁NO₄

Molecular Weight

339.4

Notes

For research and development use only.

Storage and Shipping Information

Storage

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