

N α -Fmoc-trans-3-hydroxy-L-proline

Cat. No. CEGZ-50022

Lot. No. (See product label)

Introduction

Description

N α -Fmoc-trans-3-hydroxy-L-proline is the Fmoc-protected form of trans-3-hydroxy-L-proline, a less common hydroxyproline isomer bearing the hydroxyl group at the 3-position of the pyrrolidine ring. It is used as a building block in Fmoc solid-phase peptide synthesis.

Applications

Used in solid-phase peptide synthesis for the preparation of conformationally constrained peptides and hydroxyproline-containing peptide analogues in biochemical research.

Synonyms

Fmoc-(2S,3S)-3-hydroxyproline; (2S,3S)-1-(9-fluorenylmethoxycarbonyl)-3-hydroxypyrrolidine-2-carboxylic acid

Product Information

CAS No.

296774-32-8

Molecular Formula

C₂₀H₁₉NO₅

Molecular Weight

353.4

Notes

For research and development use only.

Storage and Shipping Information

Storage

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