

N α -Fmoc-O-tert-butyl-L-hydroxyproline

Cat. No. CEGZ-6900

Lot. No. (See product label)

Introduction

Description

N α -Fmoc-O-tert-butyl-L-hydroxyproline is a side-chain protected derivative of L-4-hydroxyproline for Fmoc solid-phase peptide synthesis. The tert-butyl ether protects the hydroxyl group of the pyrrolidine ring and is cleaved during final acidolytic deprotection.

Applications

Applied in solid-phase peptide synthesis for the preparation of collagen model peptides, proline-rich peptides, and other hydroxyproline-containing sequences for biochemical and pharmaceutical research.

Synonyms

Fmoc-hydroxyproline(tert-butyl); N-(9-fluorenylmethoxycarbonyl)-O-tert-butyl-L-4-hydroxyproline

Product Information

CAS No.

122996-47-8

Molecular Formula

C₂₄H₂₇N₅O₅

Molecular Weight

409.5

Notes

For research and development use only.

Storage and Shipping Information

Storage

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