

N α -Fmoc-2-(trifluoromethyl)-L-phenylalanine

Cat. No. CEGZ-6904

Lot. No. (See product label)

Introduction

Description

N α -Fmoc-2-(trifluoromethyl)-L-phenylalanine is an Fmoc-protected unnatural phenylalanine derivative bearing a trifluoromethyl substituent at the ortho position of the aromatic 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 fluorinated peptide analogues in structure-activity relationship studies, medicinal chemistry, and fluorine-19 NMR-based biochemical research.

Synonyms

Fmoc-2-(trifluoromethyl)-L-phenylalanine; N-(9-fluorenylmethoxycarbonyl)-2-trifluoromethyl-L-phenylalanine

Product Information

CAS No.

352523-16-1

Molecular Formula

C₂₅H₂₀F₃NO₄

Molecular Weight

455.4

Notes

For research and development use only.

Storage and Shipping Information

Storage

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