

N α -Boc-2,5,7-tri-tert-butyl-L-tryptophan

Cat. No. CEGZ-50011

Lot. No. (See product label)

Introduction

Description

N α -Boc-2,5,7-tri-tert-butyl-L-tryptophan is a heavily protected tryptophan derivative in which the α -amino group carries a Boc group and the indole ring bears three tert-butyl substituents at the 2-, 5-, and 7-positions, sterically shielding the aromatic side chain.

Applications

Used as a building block in peptide synthesis for the preparation of tryptophan-containing peptides with protected indole side chains.

Synonyms

Boc-2,5,7-tri-tert-butyl-L-tryptophan; N-tert-butoxycarbonyl-2,5,7-tri-tert-butyl-L-tryptophan

Product Information

CAS No. 78654-82-7

Molecular Formula C₂₈H₄₄N₂O₄

Molecular Weight 472.7

Notes For research and development use only.

Storage and Shipping Information

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