

N α ,Nin-di-Boc-L-tryptophan

Cat. No. CEGZ-6923

Lot. No. (See product label)

Introduction

Description

N α ,Nin-di-Boc-L-tryptophan is a fully Boc-protected tryptophan derivative for peptide synthesis, carrying tert-butoxycarbonyl groups on both the α -amino function and the indole nitrogen. Indole protection suppresses oxidation and alkylation side reactions of the tryptophan side chain during synthesis.

Applications

Used as a building block in solid-phase and solution-phase peptide synthesis for the preparation of tryptophan-containing peptides with reduced side-reaction risk.

Synonyms

Boc-Trp(Boc); N α -tert-butoxycarbonyl-Nin-tert-butoxycarbonyl-L-tryptophan

Product Information

CAS No. 144599-95-1

Molecular Formula C₂₁H₂₈N₂O₆

Molecular Weight 404.5

Notes For research and development use only.

Storage and Shipping Information

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