

N α -Boc-L-glutamic Acid α -tert-Butyl Ester

Cat. No. CEGZ-6920

Lot. No. (See product label)

Introduction

Description

N α -Boc-L-glutamic acid α -tert-butyl ester is a protected glutamic acid derivative bearing a Boc group on the α -amino function and a tert-butyl ester on the α -carboxyl group, leaving the γ -carboxyl group free. Both protections are removed under acidic conditions.

Applications

Used as an intermediate in peptide and organic synthesis for the preparation of glutamic acid derivatives, side-chain modified building blocks, and peptide conjugates.

Synonyms

Boc-L-glutamic acid 1-tert-butyl ester; N-tert-butoxycarbonyl-L-glutamic acid α -tert-butyl ester

Product Information

CAS No.

24277-39-2

Molecular Formula

C₁₄H₂₅NO₆

Molecular Weight

303.35

Notes

For research and development use only.

Storage and Shipping Information

Storage

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