Creative Enzymes®

Nα-Fmoc-D-glutamic Acid α-tert-Butyl Ester

Cat. No. CEGZ-6912

Lot. No. (See product label)

Introduction

Description	Nα-Fmoc-D-glutamic acid α-tert-butyl ester is a protected D-glutamic acid derivative in which the α-carboxyl group is masked as a tert-butyl ester while the γ-carboxyl group remains free. This protection pattern allows chain extension through the side-chain carboxyl group or use of the compound in fragment condensation approaches.
Applications	Used as an intermediate in peptide synthesis for side-chain coupled glutamic acid derivatives, γ-linked peptides, and D-amino acid-containing peptide analogues in pharmaceutical research.
Synonyms	Fmoc-D-glutamic acid 1-tert-butyl ester; N-(9-fluorenylmethoxycarbonyl)-D-glutamic acid α-tert-butyl ester

Product Information

CAS No.	109745-15-5
Molecular Formula	C24H27NO6
Molecular Weight	425.5
Notes	For research and development use only.

Storage and Shipping Information

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