Creative Enzymes®

Nα-Fmoc-L-glutamic Acid γ-tert-Butyl Ester

Cat. No. CEGZ-50018

Lot. No. (See product label)

Introduction

Description	Nα-Fmoc-L-glutamic acid γ-tert-butyl ester is a side-chain protected glutamic acid derivative used as a standard building block in Fmoc solid-phase peptide synthesis. The Fmoc group protects the α-amino function and is removed under mild basic conditions, while the tert-butyl ester masks the γ-carboxyl group and is cleaved during final acidolytic deprotection.
Applications	Used as a standard building block in solid-phase and solution-phase peptide synthesis for the preparation of glutamic acid-containing peptides in biochemical and pharmaceutical research.
Synonyms	Fmoc-glutamic acid 5-tert-butyl ester; N-(9-fluorenylmethoxycarbonyl)-L-glutamic acid γ-tert-butyl ester

Product Information

CAS No.	71989-18-9
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.