Creative Enzymes®

Fmoc-L-Lys[C18-OtBu-γ-Glu(OtBu)-(AEEA)$_2$]-OH

Cat. No. CEGZ-6550

Lot. No. (See product label)

Introduction

Description	Fmoc-L-Lys[C18-OtBu-γ-Glu(OtBu)-(AEEA)$_2$]-OH is a ≥97.0% pure preassembled protected lysine building block containing two AEEA units, γ-glutamate, and a protected C18 lipid chain.
Applications	Solid-phase peptide synthesis Preassembled C18 side-chain incorporation Peptide lipidation research Protected conjugate synthesis
Synonyms	Fmoc-Lys-[tBuO-C18-γGlu(tBu)-AEEA-AEEA-OH]

Product Information

Appearance	White to pale yellow liquid or glassy solid
Form	Liquid or glassy solid
CAS No.	1662688-20-1
Molecular Formula	$C_{64}H_{101}N_5O_{16}$
Molecular Weight	1196.52 g/mol
Purity	≥97.0%
Impurities	Maximum individual impurity: ≤0.2%
Structure	Fmoc-Lys → AEEA-AEEA → γ-Glu → protected C18 lipid chain
Composition	Fmoc-protected lysine linked through two AEEA units and γ-glutamate to a protected C18 long-chain lipidation group
Function	Preassembled protected lipidated lysine building block
Quality	Identification: Conforms to specification Water: ≤2.0%
Grade	Peptide synthesis grade
Usage	For peptide synthesis and laboratory research only.

Storage and Shipping Information

Storage	Store dry and protected from light at ≤ −18 °C.