



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

C₆₄H₁₀₁N₅O₁₆

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.