

Fmoc-Lys (biotin-PEG4)-OH

Chemical Properties

CAS No. : 1334172-64-3

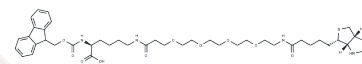
Formula: C42H59N5O11S

Molecular Weight: 842.01

Keep away from direct sunlight

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Fmoc-Lys (biotin-PEG4)-OH is a biotinylated and PEG-modified linker used for PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands connected by a linker: one binds to an E3 ubiquitin ligase, while the other targets the protein of interest. They harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1876 mL	5.9382 mL	11.8763 mL
5 mM	0.2375 mL	1.1876 mL	2.3753 mL
10 mM	0.1188 mL	0.5938 mL	1.1876 mL
50 mM	0.0238 mL	0.1188 mL	0.2375 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Gadd MS, et al. Structural basis of PROTAC cooperative recognition for selective protein degradation. Nat Chem Biol. 2017 May;13(5):514-521.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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