

Fmoc-NH-PEG30-CH₂CH₂COOH

Chemical Properties

CAS No. :

Formula: C₇₈H₁₃₇N₃O₃₄

Molecular Weight: 1632.91

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-NH-PEG30-CH ₂ CH ₂ COOH is a PEGylation-based PROTAC linker used for synthesizing PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one targets an E3 ubiquitin ligase, and the other binds the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6124 mL	3.062 mL	6.124 mL
5 mM	0.1225 mL	0.6124 mL	1.2248 mL
10 mM	0.0612 mL	0.3062 mL	0.6124 mL
50 mM	0.0122 mL	0.0612 mL	0.1225 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

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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