

Fmoc-NH-PEG25-CH₂CH₂COOH

Chemical Properties

CAS No. :

Formula: C₆₈H₁₁₇N₂O₂₉

Molecular Weight: 1412.65

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-PEG25-CH ₂ CH ₂ COOH, a PEG-based PROTAC linker, facilitates the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are bifunctional molecules that contain a ligand for an E3 ubiquitin ligase and a ligand for the target protein, connected by a linker. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7079 mL	3.5394 mL	7.0789 mL
5 mM	0.1416 mL	0.7079 mL	1.4158 mL
10 mM	0.0708 mL	0.3539 mL	0.7079 mL
50 mM	0.0142 mL	0.0708 mL	0.1416 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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