

Fmoc-N-PEG24-acid

Chemical Properties

CAS No. : 2170484-59-8

Formula: C₆₆H₁₁₃N₂O₂₈

Molecular Weight: 1368.59

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-N-PEG24-acid is a PEG-based linker for PROTACs, crucial for connecting two essential ligands to form PROTAC molecules. This linker facilitates selective protein degradation by utilizing the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands linked together: one ligand binds to an E3 ubiquitin ligase, and the other binds to the target protein. They harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7307 mL	3.6534 mL	7.3068 mL
5 mM	0.1461 mL	0.7307 mL	1.4614 mL
10 mM	0.0731 mL	0.3653 mL	0.7307 mL
50 mM	0.0146 mL	0.0731 mL	0.1461 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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