

Fmoc-NMe-PEG4-C2-acid

Chemical Properties

CAS No. : 2170240-98-7

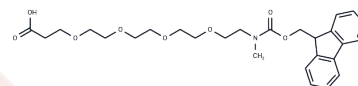
Formula: C₂₇H₃₅N₁O₈

Molecular Weight: 501.57

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-NMe-PEG4-C2-acid, a PEG-based linker for PROTACs, connects two essential ligands crucial for PROTAC molecule formation and facilitates selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs utilize a linker to connect two ligands: one binding to an E3 ubiquitin ligase and the other to the target protein, thereby leveraging the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9937 mL	9.9687 mL	19.9374 mL
5 mM	0.3987 mL	1.9937 mL	3.9875 mL
10 mM	0.1994 mL	0.9969 mL	1.9937 mL
50 mM	0.0399 mL	0.1994 mL	0.3987 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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