

Fmoc-N-PEG7-acid

Chemical Properties

CAS No. : 1863885-74-8

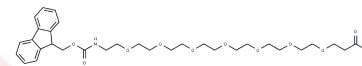
Formula: C₃₂H₄₅NO₁₁

Molecular Weight: 619.7

Keep away from direct sunlight

Storage: Pure form: -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-amido-PEG7-acid, a PEG-based PROTAC linker, is utilized in the synthesis of PROTACs.
Targets(IC ₅₀)	PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, while the other binds to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6137 mL	8.0684 mL	16.1368 mL
5 mM	0.3227 mL	1.6137 mL	3.2274 mL
10 mM	0.1614 mL	0.8068 mL	1.6137 mL
50 mM	0.0323 mL	0.1614 mL	0.3227 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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