

Fmoc-aminoxy-PEG4-acid

Chemical Properties

CAS No. : 1895922-70-9

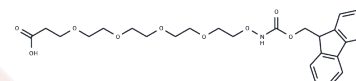
Formula: C₂₆H₃₃N₉O₉

Molecular Weight: 503.54

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-aminoxy-PEG4-acid is a PEG-based linker compound used in PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one targets an E3 ubiquitin ligase, and the other binds the target protein. These compounds utilize the intracellular ubiquitin-proteasome system to selectively degrade the target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9859 mL	9.9297 mL	19.8594 mL
5 mM	0.3972 mL	1.9859 mL	3.9719 mL
10 mM	0.1986 mL	0.993 mL	1.9859 mL
50 mM	0.0397 mL	0.1986 mL	0.3972 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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