

FmocNH-PEG4-t-butyl ester

Chemical Properties

CAS No. : 2148295-94-5

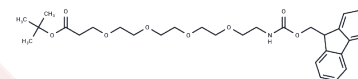
Formula: C₃₀H₄₁N₀O₈

Molecular Weight: 543.657

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	FmocNH-PEG4-t-butyl ester is a PEG-based linker for PROTACs that connects two essential ligands, facilitating the selective degradation of proteins through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets a specific protein. These compounds utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8394 mL	9.1969 mL	18.3938 mL
5 mM	0.3679 mL	1.8394 mL	3.6788 mL
10 mM	0.1839 mL	0.9197 mL	1.8394 mL
50 mM	0.0368 mL	0.1839 mL	0.3679 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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