

Boc-PEG2-ethoxyethane-PEG2-benzyl

Chemical Properties

CAS No. : 2111836-22-5

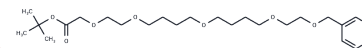
Formula: C₂₅H₄₂O₇

Molecular Weight: 454.604

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	Boc-PEG2-ethoxyethane-PEG2-benzyl, a PEG-based PROTAC linker, is utilized in PROTAC synthesis.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands linked together: one targets an E3 ubiquitin ligase, and the other targets the specific protein. They harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1997 mL	10.9987 mL	21.9974 mL
5 mM	0.4399 mL	2.1997 mL	4.3995 mL
10 mM	0.220 mL	1.0999 mL	2.1997 mL
50 mM	0.044 mL	0.220 mL	0.4399 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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