

Boc-PEG2-sulfonic acid

Chemical Properties

CAS No. : 1817735-40-2

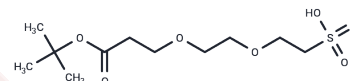
Formula: C₁₁H₂₂O₇S

Molecular Weight: 298.35

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-sulfonic acid is a PEG-based linker for PROTACs, joining two essential ligands and enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, composed of two ligands linked together—one targeting an E3 ubiquitin ligase and the other targeting the desired protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3518 mL	16.7588 mL	33.5177 mL
5 mM	0.6704 mL	3.3518 mL	6.7035 mL
10 mM	0.3352 mL	1.6759 mL	3.3518 mL
50 mM	0.067 mL	0.3352 mL	0.6704 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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