

Boc-N-PEG2-Ms

Chemical Properties

CAS No. : 302331-20-0

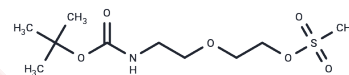
Formula: C₁₀H₂₁NO₆S

Molecular Weight: 283.34

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-N-PEG2-Ms is a PEG-based linker for PROTACs which joins two essential ligands, crucial for forming PROTAC molecules. This linker enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs utilize ligands for both an E3 ubiquitin ligase and a target protein, connected by a linker, to exploit the intracellular ubiquitin-proteasome system for selective protein degradation [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5293 mL	17.6466 mL	35.2933 mL
5 mM	0.7059 mL	3.5293 mL	7.0587 mL
10 mM	0.3529 mL	1.7647 mL	3.5293 mL
50 mM	0.0706 mL	0.3529 mL	0.7059 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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