

Boc-N-Amido-PEG5-Ms

Chemical Properties

CAS No. : 2128735-28-2

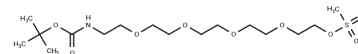
Formula: C16H33NO9S

Molecular Weight: 415.5

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-Amido-PEG5-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 consist of two ligands connected by a linker; one ligand targets an E3 ubiquitin ligase, and the other targets the desired protein, utilizing the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4067 mL	12.0337 mL	24.0674 mL
5 mM	0.4813 mL	2.4067 mL	4.8135 mL
10 mM	0.2407 mL	1.2034 mL	2.4067 mL
50 mM	0.0481 mL	0.2407 mL	0.4813 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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