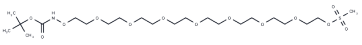
Data Sheet (Cat.No.T18746)

TargetMol

t-Boc-Aminooxy-PEG8-Ms

Chemical Properties



CAS No. :

Formula: C22H45NO13S

Molecular Weight: 563.66

Storage: Keep away from direct sunlight
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	t-Boc-Aminooxy-PEG8-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, with one ligand targeting an E3 ubiquitin ligase and the other targeting a specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7741 mL	8.8706 mL	17.7412 mL
5 mM	0.3548 mL	1.7741 mL	3.5482 mL
10 mM	0.1774 mL	0.8871 mL	1.7741 mL
50 mM	0.0355 mL	0.1774 mL	0.3548 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

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