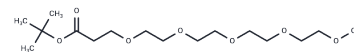


m-PEG5-Boc

Chemical Properties

CAS No. :	874208-93-2
Formula:	C16H32O7
Molecular Weight:	336.42
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	m-PEG5-Boc is a PEG-based linker for PROTACs that connects two essential ligands, facilitating the formation of PROTAC molecules and enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one ligand binds to an E3 ubiquitin ligase, and the other targets a specific protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9725 mL	14.8624 mL	29.7247 mL
5 mM	0.5945 mL	2.9725 mL	5.9449 mL
10 mM	0.2972 mL	1.4862 mL	2.9725 mL
50 mM	0.0594 mL	0.2972 mL	0.5945 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

Balasingam Radhakrishnan, et al. Fatty acid formulations for oral delivery of proteins and peptides, and uses thereof. US20060018874A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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