

m-PEG13-Boc

Chemical Properties

CAS No. :

Formula: C32H64O15

Molecular Weight: 688.84



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	m-PEG13-Boc is a PEG-based linker for PROTACs that joins two essential ligands, facilitating the formation of PROTAC molecules and promoting 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 targets an E3 ubiquitin ligase, and the other targets the specific protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs selectively induce degradation of target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4517 mL	7.2586 mL	14.5172 mL
5 mM	0.2903 mL	1.4517 mL	2.9034 mL
10 mM	0.1452 mL	0.7259 mL	1.4517 mL
50 mM	0.029 mL	0.1452 mL	0.2903 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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