

m-PEG36-Br

Chemical Properties

CAS No. :

Formula: C73H147BrO36

Molecular Weight: 1680.83

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-PEG36-Br is a PEG-based linker for PROTACs, joining two essential ligands necessary for forming PROTAC molecules, enabling selective protein degradation by leveraging the (ubiquitin-proteasome) system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one targeting an E3 ubiquitin ligase and the other targeting the desired protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs enable the selective degradation of target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5949 mL	2.9747 mL	5.9494 mL
5 mM	0.119 mL	0.5949 mL	1.1899 mL
10 mM	0.0595 mL	0.2975 mL	0.5949 mL
50 mM	0.0119 mL	0.0595 mL	0.119 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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