

m-PEG24-Br

Chemical Properties

CAS No. :

Formula: C49H99BrO24

Molecular Weight: 1152.2

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-PEG24-Br is a PEG-based linker for PROTACs that connects two essential ligands, crucial for forming PROTAC molecules, and enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, composed of two ligands connected by a linker—one binding to an E3 ubiquitin ligase and the other to a target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8679 mL	4.3395 mL	8.679 mL
5 mM	0.1736 mL	0.8679 mL	1.7358 mL
10 mM	0.0868 mL	0.434 mL	0.8679 mL
50 mM	0.0174 mL	0.0868 mL	0.1736 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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