

m-PEG24-Mal

Chemical Properties

CAS No. :

Formula: C56H106N2O27

Molecular Weight: 1239.44

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-Mal is a PEG-based linker for PROTACs, facilitating the conjugation of two essential ligands necessary for PROTAC molecule formation, thereby enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two ligands linked together: one binding to an E3 ubiquitin ligase and the other to the target protein. By harnessing the intracellular ubiquitin-proteasome system, PROTACs selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8068 mL	4.0341 mL	8.0682 mL
5 mM	0.1614 mL	0.8068 mL	1.6136 mL
10 mM	0.0807 mL	0.4034 mL	0.8068 mL
50 mM	0.0161 mL	0.0807 mL	0.1614 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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