Data Sheet (Cat.No.T18154)

TargetMol

m-PEG16-Mal

Chemical Properties

CAS No. :

Formula: C40H74N2O19

Molecular Weight: 887.02

Storage: Keep away from direct sunlight
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-PEG16-Mal is a PEG-based linker for PROTACs that connects two essential ligands necessary for the formation of PROTAC molecules, enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker; one ligand targets an E3 ubiquitin ligase and the other targets the specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1274 mL	5.6369 mL	11.2737 mL
5 mM	0.2255 mL	1.1274 mL	2.2547 mL
10 mM	0.1127 mL	0.5637 mL	1.1274 mL
50 mM	0.0225 mL	0.1127 mL	0.2255 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.

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