

m-PEG24-DSPE

Chemical Properties

CAS No. :

Formula: C91H180NO33P

Molecular Weight: 1847.36

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-DSPE, a PEG-based linker for PROTACs, joins two essential ligands crucial for forming PROTAC molecules, enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are compounds composed of two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, and the other binds to the target protein. These compounds utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5413 mL	2.7066 mL	5.4131 mL
5 mM	0.1083 mL	0.5413 mL	1.0826 mL
10 mM	0.0541 mL	0.2707 mL	0.5413 mL
50 mM	0.0108 mL	0.0541 mL	0.1083 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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