

Mal-PEG12-DSPE

Chemical Properties

CAS No. :

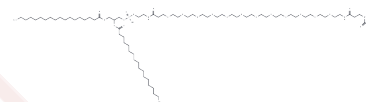
Formula: C75H140N3O24P

Molecular Weight: 1498.89

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	Mal-PEG12-DSPE is a PEG-based linker for PROTACs, joining two essential ligands crucial for the formation of PROTAC molecules. This linker facilitates selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are compounds that utilize the ubiquitin-proteasome system to selectively degrade target proteins by incorporating two distinct ligands connected by a linker: one ligand binds to an E3 ubiquitin ligase, and the other targets the specific protein[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6672 mL	3.3358 mL	6.6716 mL
5 mM	0.1334 mL	0.6672 mL	1.3343 mL
10 mM	0.0667 mL	0.3336 mL	0.6672 mL
50 mM	0.0133 mL	0.0667 mL	0.1334 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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