

## DSPE-PEG36-mal

## Chemical Properties

CAS No. :

Formula: C121H232N3O48P

Molecular Weight: 2528.1

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	DSPE-PEG36-mal is a PEG-based linker for PROTACs, joining two essential ligands to form PROTAC molecules and enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins, containing two different ligands connected by a linker: one ligand for an E3 ubiquitin ligase and the other for the target protein [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3956 mL	1.9778 mL	3.9555 mL
5 mM	0.0791 mL	0.3956 mL	0.7911 mL
10 mM	0.0396 mL	0.1978 mL	0.3956 mL
50 mM	0.0079 mL	0.0396 mL	0.0791 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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