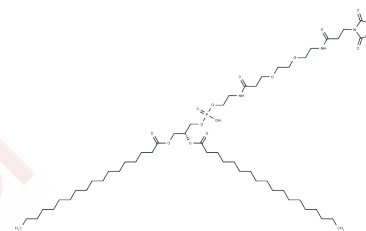


DSPE-PEG2-mal

Chemical Properties

CAS No. :	1915739-87-5
Formula:	C55H100N3O14P
Molecular Weight:	1058.386
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	DSPE-PEG2-mal, a PEG-based linker for PROTACs, joins two essential ligands, crucial for forming PROTAC molecules and enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands joined by a linker: one ligand binds an E3 ubiquitin ligase, and the other targets a specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9448 mL	4.7242 mL	9.4483 mL
5 mM	0.189 mL	0.9448 mL	1.8897 mL
10 mM	0.0945 mL	0.4724 mL	0.9448 mL
50 mM	0.0189 mL	0.0945 mL	0.189 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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