

## DSPE-PEG46-N3

## Chemical Properties

CAS No. :

Formula: C134H265N4O55P

Molecular Weight: 2843.51

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-PEG46-N3, a PEG-based linker for PROTACs, joins two essential ligands critical for forming PROTAC molecules, thereby enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two ligands linked by a connector: one targeting an E3 ubiquitin ligase and the other the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3517 mL	1.7584 mL	3.5168 mL
5 mM	0.0703 mL	0.3517 mL	0.7034 mL
10 mM	0.0352 mL	0.1758 mL	0.3517 mL
50 mM	0.007 mL	0.0352 mL	0.0703 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**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481