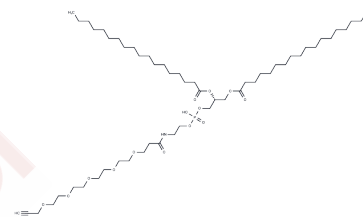


## DSPE-PEG5-propargyl

## Chemical Properties

CAS No. :	2112737-93-4
Formula:	C55H104NO14P
Molecular Weight:	1034.39
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-PEG5-propargyl is a PEG-based linker for PROTACs that connects two essential ligands, facilitating the formation of PROTAC molecules. By leveraging the ubiquitin-proteasome system within cells, this linker enables selective protein degradation.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the desired protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs selectively degrade specific proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9668 mL	4.8338 mL	9.6675 mL
5 mM	0.1934 mL	0.9668 mL	1.9335 mL
10 mM	0.0967 mL	0.4834 mL	0.9668 mL
50 mM	0.0193 mL	0.0967 mL	0.1934 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