

TCO-PEG11-TCO

Chemical Properties

CAS No. :

Formula: C42H76N2O15

Molecular Weight: 849.06



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	TCO-PEG11-TCO is a PEG-based linker for PROTACs that connects two essential ligands, facilitating the formation of PROTAC molecules. This linker enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the desired protein, thereby leveraging the intracellular ubiquitin-proteasome system to selectively degrade specific proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1778 mL	5.8889 mL	11.7777 mL
5 mM	0.2356 mL	1.1778 mL	2.3555 mL
10 mM	0.1178 mL	0.5889 mL	1.1778 mL
50 mM	0.0236 mL	0.1178 mL	0.2356 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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