

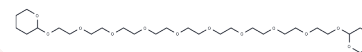
THP-PEG9-THP

Chemical Properties

CAS No. : 1809333-14-9

Formula: C₂₈H₅₄O₁₂

Molecular Weight: 582.728



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	THP-PEG9-THP, a polyethylene glycol (PEG)-based linker for proteolysis-targeting chimeras (PROTACs), joins two essential ligands, facilitating the formation of PROTAC molecules and enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are compounds comprising two distinct ligands linked by a spacer: one ligand targets an E3 ubiquitin ligase, while the other binds to a specific target protein. They leverage the intracellular ubiquitin-proteasome system for the selective degradation of target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7161 mL	8.5803 mL	17.1606 mL
5 mM	0.3432 mL	1.7161 mL	3.4321 mL
10 mM	0.1716 mL	0.858 mL	1.7161 mL
50 mM	0.0343 mL	0.1716 mL	0.3432 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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