

Propargyl-PEG1-THP

Chemical Properties

CAS No. : 119096-95-6

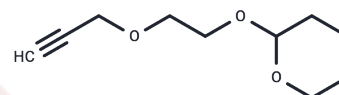
Formula: C10H16O3

Molecular Weight: 184.235

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	Propargyl-PEG1-THP is a PEG-based linker for PROTACs, joining two essential ligands crucial for forming PROTAC molecules and enabling selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together; one binds to 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	5.4277 mL	27.1385 mL	54.277 mL
5 mM	1.0855 mL	5.4277 mL	10.8554 mL
10 mM	0.5428 mL	2.7139 mL	5.4277 mL
50 mM	0.1086 mL	0.5428 mL	1.0855 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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