

Propargyl-PEG4-alcohol

Chemical Properties

CAS No. : 87450-10-0

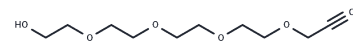
Formula: C₁₁H₂₀O₅

Molecular Weight: 232.27

Storage: Keep away from direct sunlight

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-PEG4-alcohol is a PEG-based linker for PROTACs that joins two essential ligands, crucial for the formation of PROTAC molecules, enabling selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, composed of two distinct ligands joined by a linker—one targeting an E3 ubiquitin ligase and the other the specific protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3053 mL	21.5267 mL	43.0533 mL
5 mM	0.8611 mL	4.3053 mL	8.6107 mL
10 mM	0.4305 mL	2.1527 mL	4.3053 mL
50 mM	0.0861 mL	0.4305 mL	0.8611 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

Nello Mainolfi, et al. Irak degraders and uses thereof. US20190192668A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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