

Propargyl-PEG3-alcohol

Chemical Properties

CAS No. : 208827-90-1

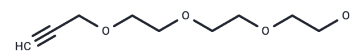
Formula: C₉H₁₆O₄

Molecular Weight: 188.22

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-PEG3-alcohol is a PEG-based linker for PROTACs, facilitating the connection of two essential ligands to form PROTAC molecules and enabling selective protein degradation via 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 binds to the target protein. PROTACs leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.3129 mL	26.5647 mL	53.1293 mL
5 mM	1.0626 mL	5.3129 mL	10.6259 mL
10 mM	0.5313 mL	2.6565 mL	5.3129 mL
50 mM	0.1063 mL	0.5313 mL	1.0626 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

Andrew P. Crew, et al. Brm targeting compounds and associated methods of use. US20190300521A1.

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