

Propargyl-PEG5-OH

Chemical Properties

CAS No. : 1036204-60-0

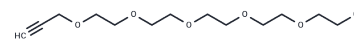
Formula: C13H24O6

Molecular Weight: 276.33

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-PEG5-OH, a PEG-based linker for PROTACs, is essential for connecting two key ligands necessary for PROTAC molecule formation, enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands joined by a linker: one targets an E3 ubiquitin ligase, and the other binds the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6189 mL	18.0943 mL	36.1886 mL
5 mM	0.7238 mL	3.6189 mL	7.2377 mL
10 mM	0.3619 mL	1.8094 mL	3.6189 mL
50 mM	0.0724 mL	0.3619 mL	0.7238 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

Robert Zamboni, et al. Raf-degrading conjugate compounds. WO2018200981A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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