

Propargyl-PEG6-alcohol

Chemical Properties

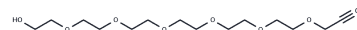
CAS No. : 944560-99-0

Formula: C₁₅H₂₈O₇

Molecular Weight: 320.38

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-PEG6-alcohol is a PEG-based PROTAC linker used in the synthesis of PROTACs [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands linked together: one ligand targets an E3 ubiquitin ligase, while the other binds to the target protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs facilitate the selective degradation of target proteins.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1213 mL	15.6065 mL	31.2129 mL
5 mM	0.6243 mL	3.1213 mL	6.2426 mL
10 mM	0.3121 mL	1.5606 mL	3.1213 mL
50 mM	0.0624 mL	0.3121 mL	0.6243 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

Goswami LN, et al. Efficient synthesis of diverse heterobifunctionalized clickable oligo(ethylene glycol) linkers: potential applications in bioconjugation and targeted drug delivery. Org Biomol Chem. 2013 Feb 21;11(7):1116-26.

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