

Propargyl-PEG7-alcohol

Chemical Properties

CAS No. : 1422023-54-8

Formula: C17H32O8

Molecular Weight: 364.43

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-PEG7-alcohol is a PEG-based PROTAC linker utilized in the synthesis of PROTACs [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are composed of two distinct ligands joined by a linker: one ligand binds to an E3 ubiquitin ligase, and the other targets a specific protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.744 mL	13.7201 mL	27.4401 mL
5 mM	0.5488 mL	2.744 mL	5.488 mL
10 mM	0.2744 mL	1.372 mL	2.744 mL
50 mM	0.0549 mL	0.2744 mL	0.5488 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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