

Propargyl-PEG12-OH

Chemical Properties

CAS No. : 1036204-61-1

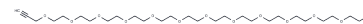
Formula: C₂₇H₅₂O₁₃

Molecular Weight: 584.69

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-PEG12-OH is a PEG-based linker for PROTACs that joins two essential ligands, facilitating the formation of PROTAC molecules and enabling selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one binds to an E3 ubiquitin ligase and the other to a target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade specific proteins.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7103 mL	8.5515 mL	17.1031 mL
5 mM	0.3421 mL	1.7103 mL	3.4206 mL
10 mM	0.171 mL	0.8552 mL	1.7103 mL
50 mM	0.0342 mL	0.171 mL	0.3421 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

Sandanaraj BS, et al. Rational Design of Supramolecular Dynamic Protein Assemblies by Using a Micelle-Assisted Activity-Based Protein-Labeling Technology. Chemistry. 2018 Oct 26;24(60):16085-16096.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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