

Propargyl-PEG3-SH

Chemical Properties

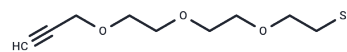
CAS No. : 1412905-18-0

Formula: C₉H₁₆O₃S

Molecular Weight: 204.29

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-SH is a PEG-based linker for PROTACs that joins two essential ligands, crucial for forming PROTAC molecules, 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 targets an E3 ubiquitin ligase, and the other targets the specific protein. They utilize the intracellular ubiquitin-proteasome system for selective degradation of target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.895 mL	24.475 mL	48.950 mL
5 mM	0.979 mL	4.895 mL	9.790 mL
10 mM	0.4895 mL	2.4475 mL	4.895 mL
50 mM	0.0979 mL	0.4895 mL	0.979 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

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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