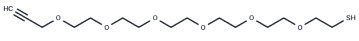
Data Sheet (Cat.No.T18589)

TargetMol

Propargyl-PEG6-SH

Chemical Properties



CAS No. : 1422540-91-7

Formula: C15H28O6S

Molecular Weight: 336.44

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-PEG6-SH is a PEG-based linker for PROTACs, essential for joining two ligands critical to forming PROTAC molecules. This linker facilitates selective protein degradation by utilizing the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are compounds composed of two distinct ligands linked together; one ligand binds to an E3 ubiquitin ligase, while the other targets a specific protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs facilitate the selective degradation of target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9723 mL	14.8615 mL	29.723 mL
5 mM	0.5945 mL	2.9723 mL	5.9446 mL
10 mM	0.2972 mL	1.4861 mL	2.9723 mL
50 mM	0.0594 mL	0.2972 mL	0.5945 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.

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