

Propargyl-PEG6-Br

Chemical Properties

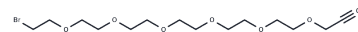
CAS No. : 1973383-30-0

Formula: C15H27BrO6

Molecular Weight: 383.279

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-Br, a PEG-based linker for PROTACs, joins two essential ligands crucial for forming PROTAC molecules, enabling selective protein degradation via 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 targets a specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6091 mL	13.0453 mL	26.0906 mL
5 mM	0.5218 mL	2.6091 mL	5.2181 mL
10 mM	0.2609 mL	1.3045 mL	2.6091 mL
50 mM	0.0522 mL	0.2609 mL	0.5218 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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