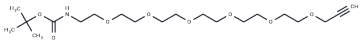
Data Sheet (Cat.No.T14753)

TargetMol

Boc-NH-PEG6-propargyl

Chemical Properties



CAS No. : 1262991-52-5

Formula: C20H37NO8

Molecular Weight: 419.51

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	Boc-NH-PEG6-propargyl, a PEG-based linker for PROTACs, connects two essential ligands crucial for PROTAC molecule formation, enabling selective protein degradation by utilizing the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands joined by a linker; one binds to an E3 ubiquitin ligase, and the other targets the specific protein. These compounds leverage the intracellular ubiquitin-proteasome system for the selective degradation of target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3837 mL	11.9187 mL	23.8373 mL
5 mM	0.4767 mL	2.3837 mL	4.7675 mL
10 mM	0.2384 mL	1.1919 mL	2.3837 mL
50 mM	0.0477 mL	0.2384 mL	0.4767 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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