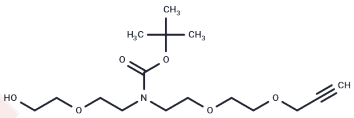
Data Sheet (Cat.No.T16242)

TargetMol

N-(PEG1-OH)-N-Boc-PEG2-propargyl

Chemical Properties



CAS No. : 2100306-85-0

Formula: C16H29NO6

Molecular Weight: 331.4

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	N-(PEG1-OH)-N-Boc-PEG2-propargyl is a polyethylene glycol (PEG)-based linker employed in the synthesis of proteolysis targeting chimeras (PROTACs).
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker—one for an E3 ubiquitin ligase and the other for the target protein. They exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0175 mL	15.0875 mL	30.175 mL
5 mM	0.6035 mL	3.0175 mL	6.035 mL
10 mM	0.3018 mL	1.5088 mL	3.0175 mL
50 mM	0.0604 mL	0.3018 mL	0.6035 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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