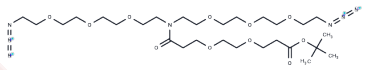
Data Sheet (Cat.No.T18400)

TargetMol

N-(Boc-PEG2)-N-bis(PEG3-azide)

Chemical Properties



CAS No. : 2353409-46-6

Formula: C28H53N7O11

Molecular Weight: 663.76

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-(Boc-PEG2)-N-bis(PEG3-azide) is a polyethylene glycol (PEG)-derived linker utilized in the synthesis of proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs utilize two distinct ligands, connected by a linker, with one targeting an E3 ubiquitin ligase and the other binding to the target protein. They exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5066 mL	7.5328 mL	15.0657 mL
5 mM	0.3013 mL	1.5066 mL	3.0131 mL
10 mM	0.1507 mL	0.7533 mL	1.5066 mL
50 mM	0.0301 mL	0.1507 mL	0.3013 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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