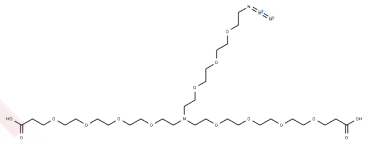
Data Sheet (Cat.No.T16187)

TargetMol

N-(Azido-PEG3)-N-bis(PEG4-acid)

Chemical Properties



CAS No. : 2112731-54-9

Formula: C30H58N4O15

Molecular Weight: 714.8

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-(Azido-PEG3)-N-bis(PEG4-acid) is a polyethylene glycol-based linker, designed for the synthesis of PROTACs [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one binds to an E3 ubiquitin ligase and the other to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.399 mL	6.995 mL	13.9899 mL
5 mM	0.2798 mL	1.399 mL	2.798 mL
10 mM	0.1399 mL	0.6995 mL	1.399 mL
50 mM	0.028 mL	0.1399 mL	0.2798 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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