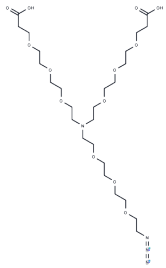
Data Sheet (Cat.No.T16186)

TargetMol

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

Chemical Properties



CAS No. : 2055042-57-2

Formula: C26H50N4O13

Molecular Weight: 626.69

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(PEG3-acid) is a polyethylene glycol (PEG)-based linker that incorporates an azido group and two PEG3-acid moieties, widely applicable in the synthesis of proteolysis targeting chimeras (PROTACs) for the selective degradation of target proteins[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one binds to an E3 ubiquitin ligase, and the other to the target protein. These compounds leverage the intracellular ubiquitin-proteasome system to facilitate the selective degradation of target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5957 mL	7.9784 mL	15.9569 mL
5 mM	0.3191 mL	1.5957 mL	3.1914 mL
10 mM	0.1596 mL	0.7978 mL	1.5957 mL
50 mM	0.0319 mL	0.1596 mL	0.3191 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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