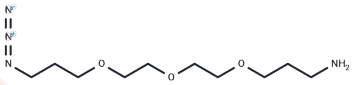
Data Sheet (Cat.No.T38549)

TargetMol

Azido-C1-PEG3-C3-NH2

Chemical Properties



CAS No. : 1162336-72-2

Formula: C10H22N4O3

Molecular Weight: 246.31

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	Azido-C1-PEG3-C3-NH2 is a PEG-based linker for PROTACs, facilitating the conjugation of two essential ligands necessary for PROTAC molecule formation, and enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one binds to an E3 ubiquitin ligase, and the other targets a specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0599 mL	20.2996 mL	40.5992 mL
5 mM	0.812 mL	4.0599 mL	8.1198 mL
10 mM	0.406 mL	2.030 mL	4.0599 mL
50 mM	0.0812 mL	0.406 mL	0.812 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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