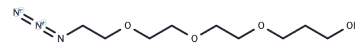


Azido-PEG3-C3-OH

Chemical Properties

CAS No. :	1807512-36-2
Formula:	C ₉ H ₁₉ N ₃ O ₄
Molecular Weight:	233.26
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Azido-PEG3-C3-OH is a PEG-based linker for PROTACs that joins two essential ligands, crucial for the formation of PROTAC molecules, enabling selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one ligand targets an E3 ubiquitin ligase, while the other binds to the target protein. By leveraging the ubiquitin-proteasome system, PROTACs selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2871 mL	21.4353 mL	42.8706 mL
5 mM	0.8574 mL	4.2871 mL	8.5741 mL
10 mM	0.4287 mL	2.1435 mL	4.2871 mL
50 mM	0.0857 mL	0.4287 mL	0.8574 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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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