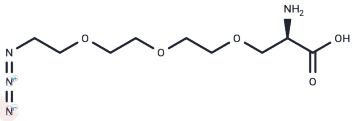
Data Sheet (Cat.No.T14393)

TargetMol

Azide-PEG3-C1-Ala

Chemical Properties



CAS No. : 2054345-67-2

Formula: C9H18N4O5

Molecular Weight: 262.26

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	Azide-PEG3-C1-Ala is a PEG-based linker for PROTACs, joining two essential ligands to form PROTAC molecules, and enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one targets an E3 ubiquitin ligase, and the other binds the target protein. These compounds leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.813 mL	19.065 mL	38.1301 mL
5 mM	0.7626 mL	3.813 mL	7.626 mL
10 mM	0.3813 mL	1.9065 mL	3.813 mL
50 mM	0.0763 mL	0.3813 mL	0.7626 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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