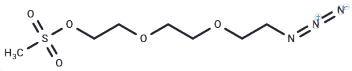
Data Sheet (Cat.No.T39188)

TargetMol

Azido-PEG3-MS

Chemical Properties



CAS No. : 176520-24-4

Formula: C7H15N3O5S

Molecular Weight: 253.27

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-PEG3-MS is a PEG-based linker for PROTACs, facilitating the formation of PROTAC molecules by joining two essential ligands and enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two ligands joined by a linker—one targeting an E3 ubiquitin ligase and the other the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9484 mL	19.7418 mL	39.4836 mL
5 mM	0.7897 mL	3.9484 mL	7.8967 mL
10 mM	0.3948 mL	1.9742 mL	3.9484 mL
50 mM	0.079 mL	0.3948 mL	0.7897 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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