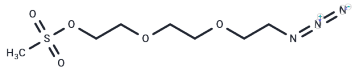
Data Sheet (Cat.No.T39188)

TargetMol®
YOUR TARGET MOLECULES

Azido-PEG3-MS

Chemical Properties



CAS No. : 176520-24-4

Formula: C7H15N3O5S

Molecular Weight: 253.27

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Azido-PEG3-MS is a PEG-based linker for PROTACs which joins two essential ligands, crucial for forming PROTAC molecules. This linker enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit 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.

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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