

## Azido-PEG6-MS

## Chemical Properties

CAS No. : 352439-38-4

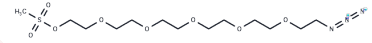
Formula: C13H27N3O8S

Molecular Weight: 385.43

Keep away from direct sunlight

Storage: 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-PEG6-MS, a PEG-based linker for PROTACs, connects two essential ligands necessary for forming PROTAC molecules, facilitating selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the protein of interest. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5945 mL	12.9725 mL	25.945 mL
5 mM	0.5189 mL	2.5945 mL	5.189 mL
10 mM	0.2595 mL	1.2973 mL	2.5945 mL
50 mM	0.0519 mL	0.2595 mL	0.5189 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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