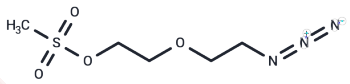
Data Sheet (Cat.No.T17467)

TargetMol

Azide-PEG2-Ms

Chemical Properties



CAS No. : 176520-23-3

Formula: C5H11N3O4S

Molecular Weight: 209.22

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-PEG2-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.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one binds to an E3 ubiquitin ligase and the other to the target protein. They utilize the intracellular ubiquitin-proteasome system for selective target protein degradation[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7797 mL	23.8983 mL	47.7966 mL
5 mM	0.9559 mL	4.7797 mL	9.5593 mL
10 mM	0.478 mL	2.3898 mL	4.7797 mL
50 mM	0.0956 mL	0.478 mL	0.9559 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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