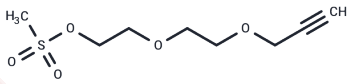
Data Sheet (Cat.No.T16600)

TargetMol

Propargyl-PEG2-Ms

Chemical Properties



CAS No. : 943726-01-0

Formula: C8H14O5S

Molecular Weight: 222.26

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	Propargyl-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 distinct ligands joined by a linker: one binds to an E3 ubiquitin ligase, and the other targets the specific protein. Utilizing the intracellular ubiquitin-proteasome system, PROTACs selectively degrade these target proteins.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4992 mL	22.4962 mL	44.9924 mL
5 mM	0.8998 mL	4.4992 mL	8.9985 mL
10 mM	0.4499 mL	2.2496 mL	4.4992 mL
50 mM	0.090 mL	0.4499 mL	0.8998 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

Bai S, et al. Synthesis and structure-activity relationship studies of conformationally flexibletetrahydroisoquinolinyl triazole carboxamide and triazole substituted benzamide analogues as σ2 receptor ligands. J Med Chem. 2014 May 22;57(10):4239-51.

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