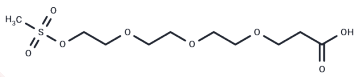
Data Sheet (Cat.No.T39840)

TargetMol

Ms-PEG3-CH2CH2COOH

Chemical Properties



CAS No. : 2306832-21-1

Formula: C10H20O8S

Molecular Weight: 300.32

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	Ms-PEG3-CH2CH2COOH, a PEG-based linker for PROTACs, connects two essential ligands, facilitating the formation of PROTAC molecules and enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are compounds featuring two distinct ligands connected by a linker: one targets an E3 ubiquitin ligase and the other targets a specific protein, utilizing the intracellular ubiquitin-proteasome system for selective protein degradation[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3298 mL	16.6489 mL	33.2978 mL
5 mM	0.666 mL	3.3298 mL	6.6596 mL
10 mM	0.333 mL	1.6649 mL	3.3298 mL
50 mM	0.0666 mL	0.333 mL	0.666 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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