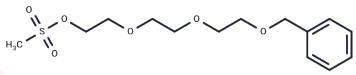
Data Sheet (Cat.No.T40812)

TargetMol

Benzyl-PEG3-MS

Chemical Properties



CAS No. : 702701-70-0

Formula: C14H22O6S

Molecular Weight: 318.38

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	Benzyl-PEG3-MS (N-((1-(hydroxymethyl)cyclopropyl)methyl)benzamide) is a PEG-based linker for PROTACs that facilitates the connection of two essential ligands, essential for PROTAC formation, enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets a specific protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1409 mL	15.7045 mL	31.409 mL
5 mM	0.6282 mL	3.1409 mL	6.2818 mL
10 mM	0.3141 mL	1.5705 mL	3.1409 mL
50 mM	0.0628 mL	0.3141 mL	0.6282 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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