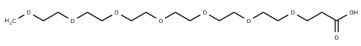
Data Sheet (Cat.No.T15914)

TargetMol

m-PEG6-CH2CH2COOH

Chemical Properties



CAS No. : 874208-91-0

Formula: C16H32O9

Molecular Weight: 368.42

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	m-PEG6-CH2CH2COOH is a PEG-based linker for PROTACs that 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 comprising two ligands linked together: one ligand targets an E3 ubiquitin ligase, and the other targets a specific protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs facilitate the selective degradation of these target proteins.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7143 mL	13.5715 mL	27.1429 mL
5 mM	0.5429 mL	2.7143 mL	5.4286 mL
10 mM	0.2714 mL	1.3571 mL	2.7143 mL
50 mM	0.0543 mL	0.2714 mL	0.5429 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

John F. Donovan, et al. Pegylated prodrugs of phenolic trpv1 agonists. WO2020023794A1.

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