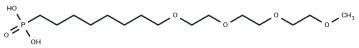
Data Sheet (Cat.No.T15874)

TargetMol

m-PEG4-(CH2)6-Phosphonic acid

Chemical Properties



CAS No. : 2028281-85-6

Formula: C15H33O7P

Molecular Weight: 356.39

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-PEG4-(CH2)6-Phosphonic acid is a polyethylene glycol-based linker compound designed for synthesizing proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the protein of interest. They leverage the intracellular ubiquitin-proteasome system to selectively degrade specific proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8059 mL	14.0296 mL	28.0591 mL
5 mM	0.5612 mL	2.8059 mL	5.6118 mL
10 mM	0.2806 mL	1.403 mL	2.8059 mL
50 mM	0.0561 mL	0.2806 mL	0.5612 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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