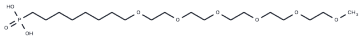
Data Sheet (Cat.No.T15912)

TargetMol

m-PEG6-(CH2)6-Phosphonic acid

Chemical Properties



CAS No. : 2028284-71-9

Formula: C19H41O9P

Molecular Weight: 444.5

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-(CH2)6-Phosphonic acid functions as a PEG-based PROTAC linker for PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, composed of two distinct ligands linked together—one targeting an E3 ubiquitin ligase and the other the target protein—harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2497 mL	11.2486 mL	22.4972 mL
5 mM	0.4499 mL	2.2497 mL	4.4994 mL
10 mM	0.225 mL	1.1249 mL	2.2497 mL
50 mM	0.045 mL	0.225 mL	0.4499 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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