Data Sheet (Cat.No.T18228)



m-PEG9-phosphonic acid ethyl ester

Chemical Properties

CAS No.: T18228

Formula: C23H49O12P

Molecular Weight: 548.6

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	m-PEG9-phosphonic acid ethyl ester, a PEG-based PROTAC linker, facilitates the synthesis of PROTACs[1].
Targets(IC50)	Others
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

90	1mg	5mg	10mg	
1 mM	1.8228 mL	9.1141 mL	18.2282 mL	
5 mM	0.3646 mL	1.8228 mL	3.6456 mL	
10 mM	0.1823 mL	0.9114 mL	1.8228 mL	
50 mM	0.0365 mL	0.1823 mL	0.3646 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.

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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