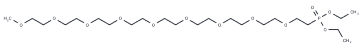
Data Sheet (Cat.No.T18228)

TargetMol

m-PEG9-phosphonic acid ethyl ester

Chemical Properties



CAS No. :

Formula: C23H49O12P

Molecular Weight: 548.6

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-PEG9-phosphonic acid ethyl ester, a PEG-based PROTAC linker, facilitates the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked by a connector: one binds to an E3 ubiquitin ligase, and the other targets a specific protein. They utilize the intracellular ubiquitin-proteasome system for the selective degradation of target proteins [1].

Preparing Stock Solutions

	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.

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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