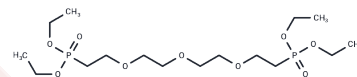


PEG3-bis-(ethyl phosphonate)

Chemical Properties

CAS No. :	160625-24-1
Formula:	C16H36O9P2
Molecular Weight:	434.4
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	PEG3-bis-(ethyl phosphonate), a polyethylene glycol (PEG)-based PROTAC linker, exhibits great potential in PROTAC synthesis[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one binds to an E3 ubiquitin ligase, and the other to the target protein. These compounds utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.302 mL	11.5101 mL	23.0203 mL
5 mM	0.4604 mL	2.302 mL	4.6041 mL
10 mM	0.2302 mL	1.151 mL	2.302 mL
50 mM	0.046 mL	0.2302 mL	0.4604 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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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