

Azido-PEG3-phosphonic acid ethyl ester

Chemical Properties

CAS No. : 1337527-24-8

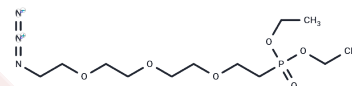
Formula: C₁₂H₂₆N₃O₆P

Molecular Weight: 339.33

Keep away from direct sunlight

Storage: 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	Azido-PEG3-phosphonic acid ethyl ester, a PEG-based PROTAC linker, enables the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are compounds composed of two distinct ligands connected by a linker, with one ligand targeting an E3 ubiquitin ligase and the other binding to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.947 mL	14.7349 mL	29.4698 mL
5 mM	0.5894 mL	2.947 mL	5.894 mL
10 mM	0.2947 mL	1.4735 mL	2.947 mL
50 mM	0.0589 mL	0.2947 mL	0.5894 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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