

Propargyl-PEG3-1-o-(b-cyanoethyl-N,N-diisopropyl)phosphoramidite

Chemical Properties

CAS No. : 1391728-01-0

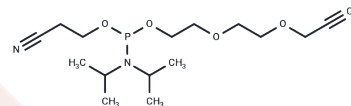
Formula: C₁₆H₂₉N₂O₄P

Molecular Weight: 344.39

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	Propargyl-PEG3-1-o-b-cyanoethyl-NN-diisopropylphosphoramidite is a polyethylene glycol-based PROTAC linker used in the synthesis of PROTACs.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs contain two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets a specific protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade these target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9037 mL	14.5184 mL	29.0368 mL
5 mM	0.5807 mL	2.9037 mL	5.8074 mL
10 mM	0.2904 mL	1.4518 mL	2.9037 mL
50 mM	0.0581 mL	0.2904 mL	0.5807 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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