

Hydroxy-Amino-bis(PEG2-propargyl)

Chemical Properties

CAS No. : 2100306-77-0

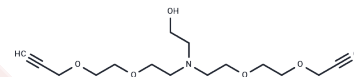
Formula: C₁₆H₂₇N₅O₅

Molecular Weight: 313.39

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	Hydroxy-Amino-bis(PEG2-propargyl) is a PEG-linked PROTAC linker used in the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two distinct ligands linked by a connector—one targeting an E3 ubiquitin ligase and the other the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1909 mL	15.9546 mL	31.9091 mL
5 mM	0.6382 mL	3.1909 mL	6.3818 mL
10 mM	0.3191 mL	1.5955 mL	3.1909 mL
50 mM	0.0638 mL	0.3191 mL	0.6382 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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