

Propargyl-PEG2-N-bis(PEG2)

Chemical Properties

CAS No. : 2100306-62-3

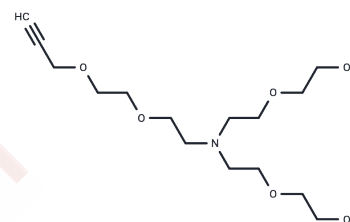
Formula: C₁₅H₂₉N₁O₆

Molecular Weight: 319.39

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-PEG2-N-bis(PEG2) is a polyethylene glycol (PEG)-based linker used in the synthesis of PROTACs (proteolysis-targeting chimeras).
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands linked together: one targeting an E3 ubiquitin ligase and the other binding the target protein. They leverage the ubiquitin-proteasome system to selectively degrade the target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.131 mL	15.6548 mL	31.3097 mL
5 mM	0.6262 mL	3.131 mL	6.2619 mL
10 mM	0.3131 mL	1.5655 mL	3.131 mL
50 mM	0.0626 mL	0.3131 mL	0.6262 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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