

N-(Propargyl-PEG4)-N-bis(PEG4-acid)

Chemical Properties

CAS No. : 2093153-09-2

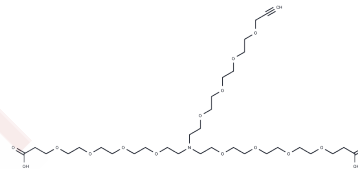
Formula: C33H61NO16

Molecular Weight: 727.83

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	N-(Propargyl-PEG4)-N-bis(PEG4-acid) is a polyethylene glycol (PEG)-based linker extensively used in the synthesis of PROTACs (proteolysis targeting chimeras)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one targets an E3 ubiquitin ligase and the other targets the protein of interest. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3739 mL	6.8697 mL	13.7395 mL
5 mM	0.2748 mL	1.3739 mL	2.7479 mL
10 mM	0.1374 mL	0.687 mL	1.3739 mL
50 mM	0.0275 mL	0.1374 mL	0.2748 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481