

N-(Azido-PEG4)-N-bis(PEG4-acid)

Chemical Properties

CAS No. : 2093152-80-6

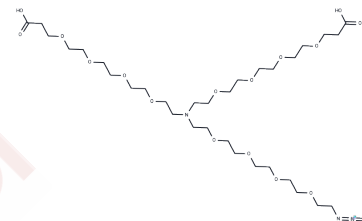
Formula: C32H62N4O16

Molecular Weight: 758.85

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-(Azido-PEG4)-N-bis(PEG4-acid) is a polyethylene glycol (PEG) derived PROTAC linker, facilitating PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one binding to an E3 ubiquitin ligase and the other 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	1.3178 mL	6.5889 mL	13.1778 mL
5 mM	0.2636 mL	1.3178 mL	2.6356 mL
10 mM	0.1318 mL	0.6589 mL	1.3178 mL
50 mM	0.0264 mL	0.1318 mL	0.2636 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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