

N-(Azido-PEG4)-N-bis(PEG4-t-butyl ester)

Chemical Properties

CAS No. : 2093152-79-3

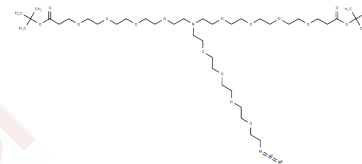
Formula: C40H78N4O16

Molecular Weight: 871.06

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-t-butyl ester) is a polyethylene glycol (PEG)-based linker used in the synthesis of proteolysis-targeting chimeras (PROTACs).
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one that binds to an E3 ubiquitin ligase and another that binds 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	1.148 mL	5.7401 mL	11.4803 mL
5 mM	0.2296 mL	1.148 mL	2.2961 mL
10 mM	0.1148 mL	0.574 mL	1.148 mL
50 mM	0.023 mL	0.1148 mL	0.2296 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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