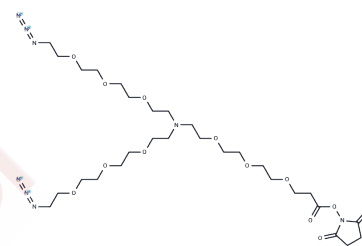


N-(NHS-PEG3)-N-bis(PEG3-azide)

Chemical Properties

CAS No. :	2182602-16-8
Formula:	C ₂₉ H ₅₂ N ₈ O ₁₃
Molecular Weight:	720.77
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	N-(NHS-PEG3)-N-bis(PEG3-azide) is a polyethylene glycol (PEG)-based linker commonly used in the synthesis of proteolysis targeting chimeras (PROTACs) [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one ligand targets an E3 ubiquitin ligase, and the other targets a specific protein. These compounds utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3874 mL	6.937 mL	13.8741 mL
5 mM	0.2775 mL	1.3874 mL	2.7748 mL
10 mM	0.1387 mL	0.6937 mL	1.3874 mL
50 mM	0.0277 mL	0.1387 mL	0.2775 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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