

N-(Azido-PEG3)-N-(PEG2-amine)-PEG3-acid

Chemical Properties

CAS No. : 2183440-70-0

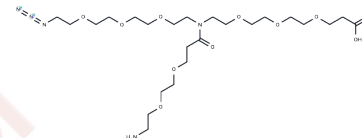
Formula: C₂₄H₄₇N₅O₁₁

Molecular Weight: 581.66

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-PEG3)-N-(PEG2-amine)-PEG3-acid is a polyethylene glycol (PEG)-based linker frequently used in the synthesis of proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins by containing two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the protein of interest [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7192 mL	8.5961 mL	17.1922 mL
5 mM	0.3438 mL	1.7192 mL	3.4384 mL
10 mM	0.1719 mL	0.8596 mL	1.7192 mL
50 mM	0.0344 mL	0.1719 mL	0.3438 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