

NH-bis(C2-PEG1-azide)

Chemical Properties

CAS No. : 2100306-81-6

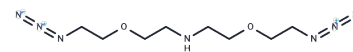
Formula: C₈H₁₇N₇O₂

Molecular Weight: 243.27

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	NH-bis(C2-PEG1-azide) is a PEG-based linker for PROTACs that joins two essential ligands, enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, composed of two different ligands linked together—one binding an E3 ubiquitin ligase and the other the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1107 mL	20.5533 mL	41.1066 mL
5 mM	0.8221 mL	4.1107 mL	8.2213 mL
10 mM	0.4111 mL	2.0553 mL	4.1107 mL
50 mM	0.0822 mL	0.4111 mL	0.8221 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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