

N3-PEG6-Propanehydrazide

Chemical Properties

CAS No. :

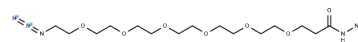
Formula: C15H31N5O7

Molecular Weight: 393.44

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	N3-PEG6-Propanehydrazide is a polyethylene glycol (PEG) derived linker, specifically designed for use in the synthesis of proteolysis targeting chimeras (PROTACs) [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, consisting of two distinct ligands joined by a linker—one binding an E3 ubiquitin ligase and the other targeting a specific protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5417 mL	12.7084 mL	25.4168 mL
5 mM	0.5083 mL	2.5417 mL	5.0834 mL
10 mM	0.2542 mL	1.2708 mL	2.5417 mL
50 mM	0.0508 mL	0.2542 mL	0.5083 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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