

NH-bis(PEG3-azide)

Chemical Properties

CAS No. : 1258939-39-7

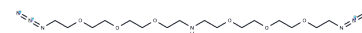
Formula: C16H33N7O6

Molecular Weight: 419.48

Pure form: -20°C for 3 years | In solvent: -80°C for 1

Storage: year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	NH-bis(PEG3-azide) is a PROTAC linker of the PEG class used in the synthesis of PROTAC molecules.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, or proteolysis-targeting chimeras, are composed of two distinct ligands joined by a linker. One of these ligands binds to a specific protein target, while the other binds to an E3 ubiquitin ligase. When the PROTAC binds to both the target protein and the E3 ligase, it triggers the ubiquitin-proteasome system within cells to degrade the target protein, thereby providing a mechanism for targeted protein degradation.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3839 mL	11.9195 mL	23.839 mL
5 mM	0.4768 mL	2.3839 mL	4.7678 mL
10 mM	0.2384 mL	1.192 mL	2.3839 mL
50 mM	0.0477 mL	0.2384 mL	0.4768 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