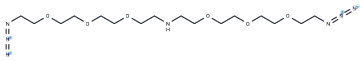
Data Sheet (Cat.No.T16302)

TargetMol
YOUR TARGET MOLECULES

NH-bis(PEG3-azide)

Chemical Properties



CAS No. : 1258939-39-7

Formula: C16H33N7O6

Molecular Weight: 419.48

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	NH-bis(PEG3-azide) is a PROTAC linker belonging to the PEG class and can be used to synthesize PROTAC molecules.
Targets(IC50)	Others
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.

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

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