Data Sheet (Cat.No.T18371)

TargetMol

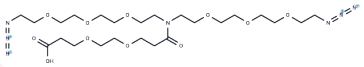
N-(Acid-PEG2)-N-bis(PEG3-azide)

Chemical Properties

CAS No. : 2320560-35-6

Formula: C24H45N7O11

Molecular Weight: 607.65



Storage: Keep away from direct sunlight
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-(Acid-PEG2)-N-bis(PEG3-azide) is a polyethylene glycol (PEG)-based linker used in synthesizing proteolysis targeting chimeras (PROTACs), a unique class of molecules designed for targeted protein degradation[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are compounds composed of two distinct ligands joined by a linker: one ligand binds to an E3 ubiquitin ligase and the other to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6457 mL	8.2284 mL	16.4568 mL
5 mM	0.3291 mL	1.6457 mL	3.2914 mL
10 mM	0.1646 mL	0.8228 mL	1.6457 mL
50 mM	0.0329 mL	0.1646 mL	0.3291 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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