

Azido-PEG3-S-PEG3-azide

Chemical Properties

CAS No. : 2055023-77-1

Formula: C₁₆H₃₂N₆O₆S

Molecular Weight: 436.53

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	Azido-PEG3-S-PEG3-azide is a polyethylene glycol (PEG)-derived linker engineered for the synthesis of proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one binds to an E3 ubiquitin ligase, and the other to the target protein. They harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2908 mL	11.454 mL	22.9079 mL
5 mM	0.4582 mL	2.2908 mL	4.5816 mL
10 mM	0.2291 mL	1.1454 mL	2.2908 mL
50 mM	0.0458 mL	0.2291 mL	0.4582 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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