

Azido-PEG2-C2-sulfonic acid

Chemical Properties

CAS No. : 1817735-39-9

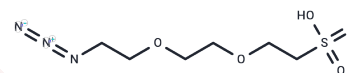
Formula: C₆H₁₃N₃O₅S

Molecular Weight: 239.25

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-PEG2-C2-sulfonic acid is a polyethylene glycol (PEG) derived linker compound used in the synthesis of proteolysis-targeting chimeras (PROTACs) [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, while the other targets the protein of interest. These compounds leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1797 mL	20.8986 mL	41.7973 mL
5 mM	0.8359 mL	4.1797 mL	8.3595 mL
10 mM	0.418 mL	2.0899 mL	4.1797 mL
50 mM	0.0836 mL	0.418 mL	0.8359 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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