

Azido-PEG3-Sulfone-PEG4-acid

Chemical Properties

CAS No. : 2055024-42-3

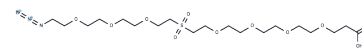
Formula: C19H37N3O11S

Molecular Weight: 515.58

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-Sulfone-PEG4-acid, a polyethylene glycol (PEG) derivative, is frequently employed as a linker in the construction of proteolysis targeting chimeras (PROTACs) [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, composed of two ligands connected by a linker (one binding to an E3 ubiquitin ligase and the other to the target protein), utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9396 mL	9.6978 mL	19.3956 mL
5 mM	0.3879 mL	1.9396 mL	3.8791 mL
10 mM	0.194 mL	0.9698 mL	1.9396 mL
50 mM	0.0388 mL	0.194 mL	0.3879 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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