

## Azide-PEG3-Sulfone-PEG3-azide

## Chemical Properties

CAS No. : 2055024-45-6

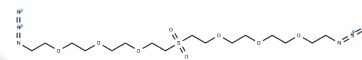
Formula: C<sub>16</sub>H<sub>32</sub>N<sub>6</sub>O<sub>8</sub>S

Molecular Weight: 468.53

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	Azide-PEG3-Sulfone-PEG3-azide is a polyethylene glycol (PEG)-based bifunctional molecule, designed as a PROTAC linker for PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, while the other targets the desired protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1343 mL	10.6717 mL	21.3434 mL
5 mM	0.4269 mL	2.1343 mL	4.2687 mL
10 mM	0.2134 mL	1.0672 mL	2.1343 mL
50 mM	0.0427 mL	0.2134 mL	0.4269 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

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