

## Propargyl-PEG4-Sulfone-PEG4-Boc

## Chemical Properties

CAS No. : 2055024-43-4

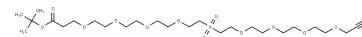
Formula: C<sub>26</sub>H<sub>48</sub>O<sub>12</sub>S

Molecular Weight: 584.72

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	Propargyl-PEG4-Sulfone-PEG4-Boc is a polyethylene glycol (PEG)-based linker molecule used in the synthesis of proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one ligand targets an E3 ubiquitin ligase and the other targets the desired protein. By harnessing the intracellular ubiquitin-proteasome system, PROTACs selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7102 mL	8.5511 mL	17.1022 mL
5 mM	0.342 mL	1.7102 mL	3.4204 mL
10 mM	0.171 mL	0.8551 mL	1.7102 mL
50 mM	0.0342 mL	0.171 mL	0.342 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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