

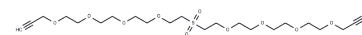
Propargyl-peg3-sulfone-peg3-propargyl

Chemical Properties

CAS No. : 2055024-44-5

Formula: C₂₂H₃₈O₁₀S

Molecular Weight: 494.6



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-PEG3-sulfone-PEG3-propargyl is a polyethylene glycol (PEG)-based linker specifically designed for the synthesis of proteolysis-targeting chimeras (PROTACs)[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two ligands connected by a linker: one binds to an E3 ubiquitin ligase, while the other targets a specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0218 mL	10.1092 mL	20.2184 mL
5 mM	0.4044 mL	2.0218 mL	4.0437 mL
10 mM	0.2022 mL	1.0109 mL	2.0218 mL
50 mM	0.0404 mL	0.2022 mL	0.4044 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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