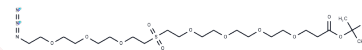


Azido-PEG3-Sulfone-PEG4-Boc

Chemical Properties

CAS No. :	2055023-76-0
Formula:	C ₂₃ H ₄₅ N ₃ O ₁₁ S
Molecular Weight:	571.68
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Azido-PEG3-Sulfone-PEG4-Boc is a polyethylene glycol (PEG)-based PROTAC linker used in the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs feature two ligands joined by a linker: one ligand binds to an E3 ubiquitin ligase, while the other binds to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7492 mL	8.7462 mL	17.4923 mL
5 mM	0.3498 mL	1.7492 mL	3.4985 mL
10 mM	0.1749 mL	0.8746 mL	1.7492 mL
50 mM	0.035 mL	0.1749 mL	0.3498 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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