

Propargyl-PEG4-S-PEG4-Boc

Chemical Properties

CAS No. : 2055041-18-2

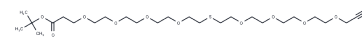
Formula: C₂₆H₄₈O₁₀S

Molecular Weight: 552.72

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-S-PEG4-Boc is a polyethylene glycol (PEG) based linker designed for PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two ligands linked together—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	1.8092 mL	9.0462 mL	18.0923 mL
5 mM	0.3618 mL	1.8092 mL	3.6185 mL
10 mM	0.1809 mL	0.9046 mL	1.8092 mL
50 mM	0.0362 mL	0.1809 mL	0.3618 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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