

Propargyl-PEG1-SS-alcohol

Chemical Properties

CAS No. : 1391914-41-2

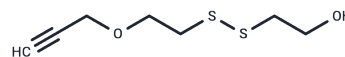
Formula: C₇H₁₂O₂S₂

Molecular Weight: 192.3

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-PEG1-SS-alcohol is a cleavable, 1-unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs)[1].
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	ADCs consist of an antibody linked to an ADC cytotoxin via an ADC linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.2002 mL	26.001 mL	52.0021 mL
5 mM	1.040 mL	5.2002 mL	10.4004 mL
10 mM	0.520 mL	2.6001 mL	5.2002 mL
50 mM	0.104 mL	0.520 mL	1.040 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

Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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