

## Propargyl-PEG1-SS-PEG1-propargyl

## Chemical Properties

CAS No. : 1964503-40-9

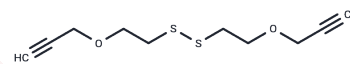
Formula: C10H14O2S2

Molecular Weight: 230.35

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-PEG1-propargyl refers to a cleavable di-functional polyethylene glycol (PEG) linker composed of two units. This specific linker is employed in the synthesis of antibody-drug conjugates (ADCs), where it plays a critical role in linking the antibody to the drug. [1]
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	Antibody-Drug Conjugates (ADCs) consist of an antibody linked to a cytotoxin through a specific ADC linker[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3412 mL	21.7061 mL	43.4122 mL
5 mM	0.8682 mL	4.3412 mL	8.6824 mL
10 mM	0.4341 mL	2.1706 mL	4.3412 mL
50 mM	0.0868 mL	0.4341 mL	0.8682 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**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481