

## Propargyl-PEG2-acid

## Chemical Properties

CAS No. : 1859379-85-3

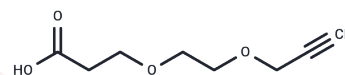
Formula: C<sub>8</sub>H<sub>12</sub>O<sub>4</sub>

Molecular Weight: 172.18

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-PEG2-acid is a non-cleavable 2-unit PEG ADC linker used in synthesizing 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	5.8079 mL	29.0394 mL	58.0788 mL
5 mM	1.1616 mL	5.8079 mL	11.6158 mL
10 mM	0.5808 mL	2.9039 mL	5.8079 mL
50 mM	0.1162 mL	0.5808 mL	1.1616 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

Sano K, et al. Short PEG-linkers improve the performance of targeted, activatable monoclonal antibody-indocyanine green optical imaging probes. *Bioconjug Chem.* 2013 May 15;24(5):811-6.

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