

## Methylcyclopropene-PEG3-amine

## Chemical Properties

CAS No. :

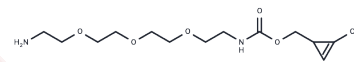
Formula: C<sub>14</sub>H<sub>26</sub>N<sub>2</sub>O<sub>5</sub>

Molecular Weight: 302.37

Storage: Keep away from direct sunlight

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	Methylcyclopropene-PEG3-amine is a cleavable three-unit polyethylene glycol (PEG) linker used in the synthesis of antibody-drug conjugates (ADCs)[1].
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	ADCs consist of an antibody conjugated to an ADC cytotoxin via an ADC linker[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3072 mL	16.536 mL	33.0721 mL
5 mM	0.6614 mL	3.3072 mL	6.6144 mL
10 mM	0.3307 mL	1.6536 mL	3.3072 mL
50 mM	0.0661 mL	0.3307 mL	0.6614 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.

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