

## Propargyl-NH-PEG3-C2-NHS ester

## Chemical Properties

CAS No. : 1214319-94-4

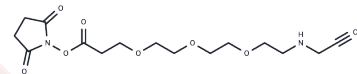
Formula: C<sub>16</sub>H<sub>24</sub>N<sub>2</sub>O<sub>7</sub>

Molecular Weight: 356.37

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-NH-PEG3-C2-NHS ester is a non-cleavable triethylene glycol linker featuring propargyl and N-hydroxysuccinimide (NHS) functional groups, used in the synthesis of antibody-drug conjugates (ADCs)[1].
Targets(IC50)	ADC Linker, PROTAC Linker
In vitro	Antibody-drug conjugates (ADCs) consist of an antibody linked to a cytotoxin via an ADC linker [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8061 mL	14.0304 mL	28.0607 mL
5 mM	0.5612 mL	2.8061 mL	5.6121 mL
10 mM	0.2806 mL	1.403 mL	2.8061 mL
50 mM	0.0561 mL	0.2806 mL	0.5612 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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