

## PC Biotin-PEG3-alkyne

## Chemical Properties

CAS No. : 1869922-24-6

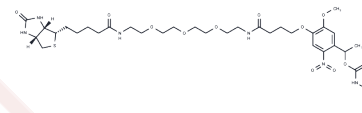
Formula: C<sub>35</sub>H<sub>52</sub>N<sub>6</sub>O<sub>12</sub>S

Molecular Weight: 780.89

Store at low temperature

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	PC Biotin-PEG3-alkyne is an ADC linker, cleavable 3-unit PEG, which can also be used to synthesize antibody drug conjugates (ADCs).
Targets(IC50)	ADC Linker
In vitro	ADCs consist of an antibody to which an ADC cytotoxin is attached via an ADC linker.[1]

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2806 mL	6.403 mL	12.8059 mL
5 mM	0.2561 mL	1.2806 mL	2.5612 mL
10 mM	0.1281 mL	0.6403 mL	1.2806 mL
50 mM	0.0256 mL	0.1281 mL	0.2561 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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