

## PC-Biotin-PEG4-PEG3-azide

## Chemical Properties

CAS No. : 2055198-04-2

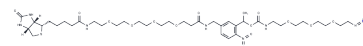
Formula: C39H63N9O14S

Molecular Weight: 914.03

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	PC-Biotin-PEG4-PEG3-azide is a 7-unit cleavable 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 linked to an ADC cytotoxin via an ADC linker[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0941 mL	5.4703 mL	10.9406 mL
5 mM	0.2188 mL	1.0941 mL	2.1881 mL
10 mM	0.1094 mL	0.547 mL	1.0941 mL
50 mM	0.0219 mL	0.1094 mL	0.2188 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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