

Biotin-PEG3-aldehyde

Chemical Properties

CAS No. : 889443-90-7

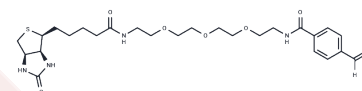
Formula: C₂₆H₃₈N₄O₇S

Molecular Weight: 550.67

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	Biotin-PEG3-aldehyde is a three-unit PEG linker with cleavable properties, specifically designed for 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	1.816 mL	9.0798 mL	18.1597 mL
5 mM	0.3632 mL	1.816 mL	3.6319 mL
10 mM	0.1816 mL	0.908 mL	1.816 mL
50 mM	0.0363 mL	0.1816 mL	0.3632 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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