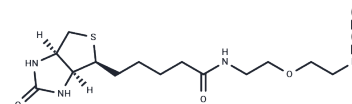


Biotin-PEG1-azide

Chemical Properties

CAS No. : 1204085-48-2
Formula: C₁₄H₂₄N₆O₃S
Molecular Weight: 356.45
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Biotin-PEG1-azide is a cleavable 1-unit polyethylene glycol (PEG) linker employed in the synthesis of antibody-drug conjugates (ADCs).
In vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8054 mL	14.0272 mL	28.0544 mL
5 mM	0.5611 mL	2.8054 mL	5.6109 mL
10 mM	0.2805 mL	1.4027 mL	2.8054 mL
50 mM	0.0561 mL	0.2805 mL	0.5611 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.

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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