

BCN-PEG4-HyNic

Chemical Properties

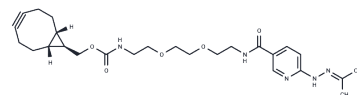
CAS No. : 1507370-54-8

Formula: C₂₆H₃₇N₅O₅

Molecular Weight: 499.612

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	BCN-PEG4-HyNic is a cleavable four-unit PEG linker utilized in ADC synthesis for coupling drugs to antibodies, creating 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	2.0016 mL	10.0078 mL	20.0156 mL
5 mM	0.4003 mL	2.0016 mL	4.0031 mL
10 mM	0.2002 mL	1.0008 mL	2.0016 mL
50 mM	0.040 mL	0.2002 mL	0.4003 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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