

BCN-PEG4-HyNic

Chemical Properties

CAS No. :	1507370-54-8
Formula:	C ₂₆ H ₂ N ₅ O ₅
Molecular Weight:	464.32
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	BCN-PEG4-HyNic is a cleavable four-unit PEG linker used in ADC synthesis to conjugate drugs to antibodies, forming antibody-drug conjugates (ADCs).
Targets(IC50)	ADC Linker
In vitro	Antibody-drug conjugates (ADCs) consist of an antibody linked to a cytotoxin via an ADC linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1537 mL	10.7684 mL	21.5369 mL
5 mM	0.4307 mL	2.1537 mL	4.3074 mL
10 mM	0.2154 mL	1.0768 mL	2.1537 mL
50 mM	0.0431 mL	0.2154 mL	0.4307 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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