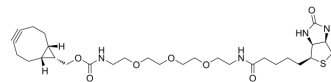


BCN-PEG3-Biotin

Cat. No.:	HY-130924		
CAS No.:	1263166-92-2		
Molecular Formula:	C ₂₉ H ₄₆ N ₄ O ₇ S		
Molecular Weight:	594.76		
Target:	ADC Linker		
Pathway:	Antibody-drug Conjugate/ADC Related		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (168.14 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass			
			1 mg	5 mg	10 mg	
			1 mM	1.6814 mL	8.4068 mL	16.8135 mL
			5 mM	0.3363 mL	1.6814 mL	3.3627 mL
10 mM	0.1681 mL	0.8407 mL	1.6814 mL			
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (4.20 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (4.20 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (4.20 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	BCN-PEG3-Biotin is a non-cleavable 3 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs) ^[1] .
IC ₅₀ & Target	Non-cleavable
In Vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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