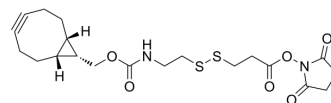


BCN-SS-NHS

Cat. No.:	HY-135973		
Molecular Formula:	C ₂₀ H ₂₆ N ₂ O ₆ S ₂		
Molecular Weight:	454.56		
Target:	ADC Linker		
Pathway:	Antibody-drug Conjugate/ADC Related		
Storage:	Pure form	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (219.99 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	2.1999 mL	10.9996 mL	21.9993 mL	
5 mM	0.4400 mL	2.1999 mL	4.3999 mL	
10 mM	0.2200 mL	1.1000 mL	2.1999 mL	

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

BCN-SS-NHS is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs)^[1]. BCN-SS-NHS is a click chemistry reagent, it contains a BCN group that can undergo strain-promoted alkyne-azide cycloaddition (SPAAC) with molecules containing Azide groups.

IC₅₀ & Target

Disulfide Cleavable Linker Cleavable Linker

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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA