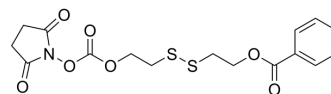


NHS-SS-Ph

Cat. No.:	HY-147118		
CAS No.:	2750799-12-1		
Molecular Formula:	C ₁₆ H ₁₇ NO ₇ S ₂		
Molecular Weight:	399.44		
Target:	ADC Linker		
Pathway:	Antibody-drug Conjugate/ADC Related		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (250.35 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.5035 mL	12.5175 mL	25.0350 mL
		5 mM	0.5007 mL	2.5035 mL	5.0070 mL
10 mM		0.2504 mL	1.2518 mL	2.5035 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 (6.26 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (6.26 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (6.26 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	NHS-SS-Ph is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs) ^[1] .	
IC ₅₀ & 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. MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

REFERENCES

[1]. Ali Gilles Tchenguise MISEREZ, et al. Isolated peptide for a peptide coacervate, and methods of use thereof. WO2021246961A1.

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

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