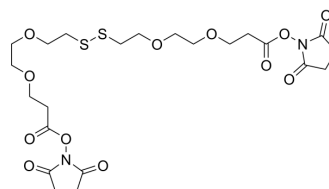


NHS-PEG2-SS-PEG2-NHS

Cat. No.:	HY-136133
Molecular Formula:	C ₂₂ H ₃₂ N ₂ O ₁₂ S ₂
Molecular Weight:	580.63
Target:	ADC Linker
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (172.23 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	1.7223 mL	8.6113 mL	17.2227 mL
		5 mM	0.3445 mL	1.7223 mL	3.4445 mL
	10 mM	0.1722 mL	0.8611 mL	1.7223 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 (4.31 mM); Clear solution; Need ultrasonic				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (4.31 mM); Clear solution; Need ultrasonic				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 2.5 mg/mL (4.31 mM); Clear solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	NHS-PEG2-SS-PEG2-NHS is a cleavable 4 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs) ^[1] .	
IC₅₀ & Target	Disulfide Cleavable	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

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

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