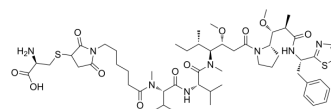


Cys-mcMMAD

Cat. No.:	HY-15750
Molecular Formula:	C ₅₄ H ₈₄ N ₈ O ₁₁ S ₂
Molecular Weight:	1085.42
Target:	Microtubule/Tubulin; Drug-Linker Conjugates for ADC
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton; Antibody-drug Conjugate/ADC Related
Storage:	-20°C, protect from light



* The compound is unstable in solutions, freshly prepared is recommended.

SOLVENT & SOLUBILITY

In Vitro	DMSO : 200 mg/mL (184.26 mM; Need ultrasonic)					
		Solvent Concentration	Mass			
	Preparing Stock Solutions			1 mg	5 mg	10 mg
		1 mM		0.9213 mL	4.6065 mL	9.2130 mL
		5 mM		0.1843 mL	0.9213 mL	1.8426 mL
	10 mM		0.0921 mL	0.4607 mL	0.9213 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: ≥ 5 mg/mL (4.61 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 5 mg/mL (4.61 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 5 mg/mL (4.61 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Cys-mcMMAD is a agent-linker conjugate for ADC. MMAD is a potent tubulin inhibitor.
IC₅₀ & Target	Auristatin

REFERENCES

[1]. Antibody-drug conjugates Patent: WO 2013068874 A1

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

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