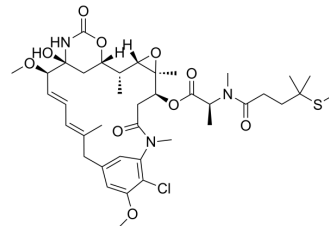


S-Me-DM4

Cat. No.:	HY-148818
CAS No.:	890654-03-2
Molecular Formula:	C ₃₉ H ₅₆ ClN ₃ O ₁₀ S
Molecular Weight:	794.39
Target:	ADC Cytotoxin
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (125.88 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent \ Mass	1 mg	5 mg	10 mg
		Concentration			
		1 mM	1.2588 mL	6.2941 mL	12.5883 mL
	5 mM	0.2518 mL	1.2588 mL	2.5177 mL	
	10 mM	0.1259 mL	0.6294 mL	1.2588 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (3.15 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	S-Me-DM4 is a metabolite of DM4 S-methylated by intracellular enzyme. DM4 (HY-100503) is a microtubule-depolymerizing maytansinoid with strong cytotoxicity. DM4 can be used as an ADC Cytotoxin molecule ^[1] .
-------------	--

CUSTOMER VALIDATION

- J Pharm Biomed Anal. 2023 Oct 25, 235, 115642.

See more customer validations on www.MedChemExpress.com

REFERENCES

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