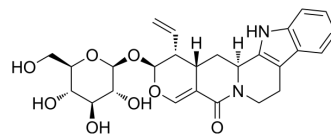


## Strictosamide

Cat. No.:	HY-N1198
CAS No.:	23141-25-5
Molecular Formula:	C <sub>26</sub> H <sub>30</sub> N <sub>2</sub> O <sub>8</sub>
Molecular Weight:	498.53
Target:	Parasite; Fungal
Pathway:	Anti-infection
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (200.59 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	2.0059 mL	10.0295 mL	20.0590 mL
				5 mM	0.4012 mL	2.0059 mL	4.0118 mL
				10 mM	0.2006 mL	1.0029 mL	2.0059 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 (5.01 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (5.01 mM); Clear solution						

### BIOLOGICAL ACTIVITY

Description	Strictosamide has important effects on inflammation and inflammatory pain. Strictosamide possesses antiplasmodial and antifungal activities <sup>[1]</sup> .
IC <sub>50</sub> & Target	Plasmodium

### REFERENCES

[1]. Na Li, et al. In vivo anti-inflammatory and analgesic activities of strictosamide from *Nauclea officinalis*. *Pharm Biol.* 2014 Nov;52(11):1445-50.

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

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