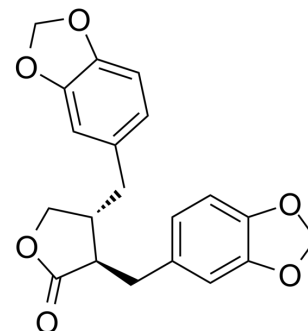


Hinokinin

Cat. No.:	HY-N10420	
CAS No.:	26543-89-5	
Molecular Formula:	C ₂₀ H ₁₈ O ₆	
Molecular Weight:	354.35	
Target:	HIV Protease	
Pathway:	Anti-infection; Metabolic Enzyme/Protease	
Storage:	Powder	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (282.21 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.8221 mL	14.1103 mL	28.2207 mL
	5 mM	0.5644 mL	2.8221 mL	5.6441 mL
	10 mM	0.2822 mL	1.4110 mL	2.8221 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (7.06 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (7.06 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (7.06 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Hinokinin (Compound 1) is a compound isolated from the stems of *Hypoestes aristata*. Hinokinin exhibits moderate activity of HIV-1 protease enzyme^[1].

REFERENCES

- [1]. Ramabulana T, et al. Bioactive Lignans from *Hypoestes aristata*. J Nat Prod. 2020;83(8):2483-2489.

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