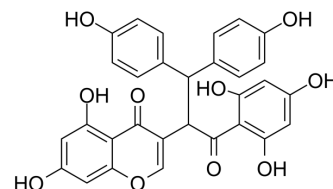


Chamaechromone

Cat. No.:	HY-133721
CAS No.:	93413-00-4
Molecular Formula:	C ₃₀ H ₂₂ O ₁₀
Molecular Weight:	542.49
Target:	HBV
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 (184.34 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass			
			1 mg	5 mg	10 mg	
			1 mM	1.8434 mL	9.2168 mL	18.4335 mL
			5 mM	0.3687 mL	1.8434 mL	3.6867 mL
10 mM	0.1843 mL	0.9217 mL	1.8434 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 (4.61 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (4.61 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (4.61 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Chamaechromone is a biflavonoid ingredient isolated from the roots of <i>Stellera chamaejasme</i> L. (Thymelaeaceae). Chamaechromone possesses anti-hepatitis B virus (HBV) effects against the surface antigen of HBV (HBsAg) secretion and has insecticidal activities ^[1] .
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REFERENCES

[1]. Yan Lou, et al. Metabolites characterization of chamaechromone in vivo and in vitro by using ultra-performance liquid chromatography/Xevo G2 quadrupole time-of-

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

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