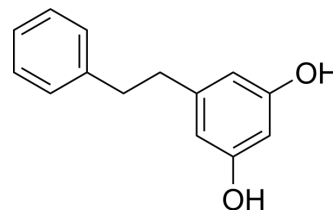


Dihydropinosylvin

Cat. No.:	HY-N3753		
CAS No.:	14531-52-3		
Molecular Formula:	C ₁₄ H ₁₄ O ₂		
Molecular Weight:	214.26		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (466.72 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.6672 mL	23.3361 mL	46.6723 mL
	5 mM	0.9334 mL	4.6672 mL	9.3345 mL
	10 mM	0.4667 mL	2.3336 mL	4.6672 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 (11.67 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (11.67 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (11.67 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Dihydropinosylvin is a stilbenoid that can be found in *Stemona collinsae*^[1].

REFERENCES

[1]. Adams M, et al. Inhibition of leukotriene biosynthesis by stilbenoids from *Stemona* species. *J Nat Prod.* 2005 Jan;68(1):83-5.

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

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