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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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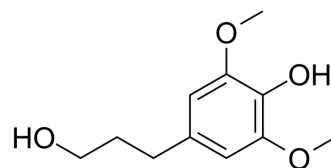
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Dihydrosinapyl alcohol

Cat. No.:	HY-W025371		
CAS No.:	20736-25-8		
Molecular Formula:	C ₁₁ H ₁₆ O ₄		
Molecular Weight:	212		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (471.70 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	4.7170 mL	23.5849 mL	47.1698 mL
	5 mM	0.9434 mL	4.7170 mL	9.4340 mL
	10 mM	0.4717 mL	2.3585 mL	4.7170 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 (11.79 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (11.79 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (11.79 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Dihydrosinapyl alcohol, a natural product, can be obtained from lignocellulose by hydrogenation and hydrogenolysis^{[1][2]}.

REFERENCES

- [1]. Elangovan S, et, al. From Wood to Tetrahydro-2-benzazepines in Three Waste-Free Steps: Modular Synthesis of Biologically Active Lignin-Derived Scaffolds. ACS Cent Sci. 2019 Oct 23;5(10):1707-1716.

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

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