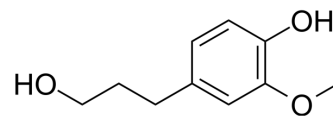


Dihydroconiferyl alcohol

Cat. No.:	HY-W016393
CAS No.:	2305-13-7
Molecular Formula:	C ₁₀ H ₁₄ O ₃
Molecular Weight:	182.22
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (274.39 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	5.4879 mL	27.4394 mL	54.8787 mL
	5 mM	1.0976 mL	5.4879 mL	10.9757 mL
	10 mM	0.5488 mL	2.7439 mL	5.4879 mL

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

BIOLOGICAL ACTIVITY

Description

Dihydroconiferyl alcohol is a cell division factor that can be found in pring sap of *Acer pseudoplatanus* L. Dihydroconiferyl alcohol can stimulate growth of soybean callus^[1].

REFERENCES

[1]. Lee TS, et, al. Dihydroconiferyl alcohol - A cell division factor from *Acer* species. *Planta*. 1981 Oct;152(6):571-7.

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

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