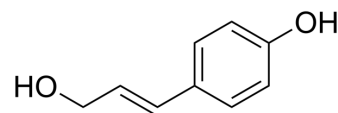


(E)-p-Coumaryl alcohol

Cat. No.:	HY-N3102A
CAS No.:	20649-40-5
Molecular Formula:	C ₉ H ₁₀ O ₂
Molecular Weight:	150.17
Target:	Others
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (832.39 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	6.6591 mL	33.2956 mL	66.5912 mL
	5 mM	1.3318 mL	6.6591 mL	13.3182 mL
	10 mM	0.6659 mL	3.3296 mL	6.6591 mL

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

BIOLOGICAL ACTIVITY

Description

(E)-p-Coumaryl alcohol is a metabolite of coumarin that has significant cytotoxicity. (E)-p-Coumaryl alcohol can be isolated from *Alpinia officinarum* and *Rhodiola rosea* and can be used for inflammation research^[1].

REFERENCES

[1]. Sukhirun N, et.al. Bioefficacy of *Alpinia galanga* (Zingiberaceae) rhizome extracts, (E)-p-acetoxycinnamyl alcohol, and (E)-p-coumaryl alcohol ethyl ether against *Bactrocera dorsalis* (Diptera: Tephritidae) and the impact on detoxification enzyme activities. *J Econ Entomol.* 2011 Oct;104(5):1534-40.

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

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