

Product Data Sheet

Product Name: (E)-p-Coumaryl alcohol

Cat. No.: GC72002

Chemical Properties

Cas. No. 20649-40-5

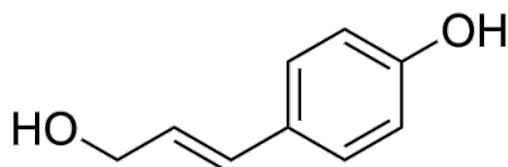
Formula $C_9H_{10}O_2$ M.Wt 150.17

Solubility DMSO : 125 mg/mL (832.39 mM); Storage -20°C, protect from light
Need ultrasonic; Hygroscopic DMSO has a significant impact on the solubility of product, please use newly opened DMSO)

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

(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.

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

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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.

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