

Product Data Sheet

Product Name: (E)-Cinnamyl Alcohol

Cat. No.: GD12513

Chemical Properties

Cas. No. 4407-36-7

Formula $C_9H_{10}O$

M.Wt 134.18

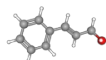
Solubility

Storage -20°C

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 sizes: ship with RT, or blue ice upon request.

Structure



Background

trans-Cinnamyl alcohol is a trans-isomer of Cinnamyl alcohol. Cinnamyl Alcohol is an active component from chestnut flower, inhibits increased PPAR α expression, with anti-obesity activity. trans-Cinnamyl alcohol, belongs to the class of organic compounds known as cinnamyl alcohols, is a primary metabolite.

[1]. Hwang DI, et al. Cinnamyl Alcohol, the Bioactive Component of Chestnut Flower Absolute, Inhibits Adipocyte Differentiation in 3T3-L1 Cells by Downregulating Adipogenic Transcription Factors. Am J Chin Med. 2017;45(4):833-846.

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

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