

Product Data Sheet

Product Name: Caffeic Acid 3-Methyl Phenethyl Ester

Cat. No.: GF15594

Chemical Properties

Cas. No. 71835-85-3

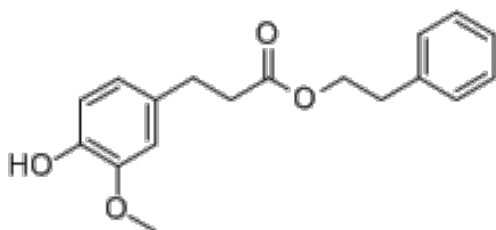
Formula C₁₈H₂₀O₄ M.Wt 300.35

Solubility DMSO : 50 mg/mL (167.60 mM; Need ultrasonic) Storage Store at RT

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

Phenethyl ferulate is a major constituent of Qianghuo, shows inhibitory activity against cyclooxygenase (COX) and 5-lipoxygenase (5-LOX) with IC₅₀ values of 4.35 μM and 5.75 μM, respectively.

[1]. S Zschocke, et al. 5-Lipoxygenase and cyclooxygenase inhibitory active constituents from *Qianghuo* (*Notopterygium incisum*). *Planta Med.* 1997 Jun;63(3):203-6.

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

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