

Product Data Sheet

Product Name: Ethyl Vanillate

Cat. No.: GC62151

Chemical Properties

Cas. No. 617-05-0

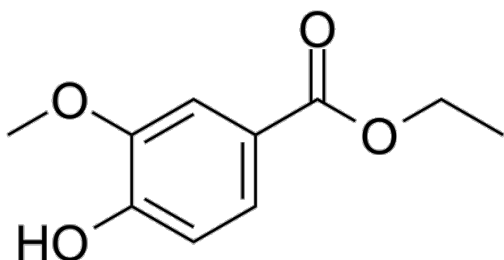
Formula $C_{10}H_{12}O_4$ M.Wt 196.2

Solubility DMSO : 100 mg/mL (509.68 mM; Need ultrasonic) Storage Store at -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 size: ship with RT , or blue ice upon request.

Structure



Background

Ethyl Vanillate is a fungicidal agent. Ethyl Vanillate inhibits 17β-HSD2 with an IC50 1.3 μM[1][2].

[1]. Engeli RT, et al. Interference of Paraben Compounds with Estrogen Metabolism by Inhibition of 17β-Hydroxysteroid Dehydrogenases. Int J Mol Sci. 2017 Sep 19;18(9). pii: E2007.

[2]. COHEN R, et al. Four new fungicides for Coccidioides immitis: 1. Sodium caprylate. 2. Ethyl vanillate 3. Fradycin. 4. Thiolutin. Arch Pediatr. 1951 Jun;68(6):259-64.

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

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