

Product Data Sheet

Product Name: 4-Vinylsyringol

Cat. No.: GC72646

Chemical Properties

Cas. No. 28343-22-8

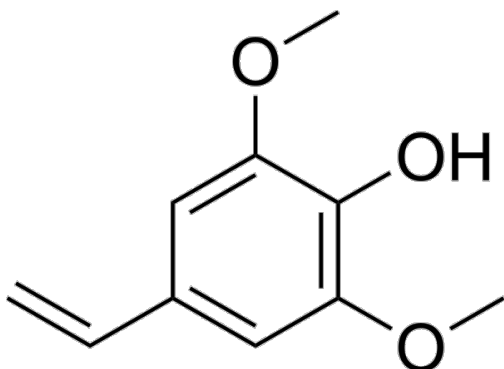
Formula $C_{10}H_{12}O_3$ M.Wt 180.2

Solubility DMSO : 100 mg/mL (554.94 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

4-Vinylsyringol is a phenolic compound with potential antioxidant activity, which can be isolated from rapeseed oil.

References:

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

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- [1]. KraljićK, et al. Changes in 4-vinylsyringol and other phenolics during rapeseed oil refining. Food Chem. 2015 Nov 15;187:236-42.
- [2]. Wang X Y, et al. Antioxidant activity of soybean oil containing 4-vinylsyringol obtained from decarboxylated sinapic acid[J]. Journal of the American Oil Chemists' Society, 2014, 91: 1543-1550.

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