

Product Data Sheet

Product Name: Decursinol

Cat. No.: GC38097

Chemical Properties

Cas. No. 23458-02-8

SMILES O=C(O1)C=CC(C1=C2)=CC3=C2OC(C)(C)[C@@H](O)C3

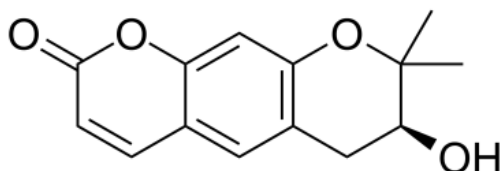
Formula $C_{14}H_{14}O_4$ M.Wt 246.26

Solubility DMSO: 250 mg/mL (1015.19 mM) Storage 4°C, protect from light

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

Decursinol, isolated from the roots of *Angelica gigas*, possesses antinociceptive effect with orally bioavailability. Decursinol possesses anti-tumor and anti-metastasis activity[1].

[1]. Choi SS, et al. Antinociceptive mechanisms of orally administered decursinol in the mouse. Life Sci. 2003 Jun 13;73(4):471-85. [2]. Son SH, et al. Decursin and decursinol from *Angelica gigas* inhibit the lung metastasis of murine colon carcinoma. Phytother Res. 2011 Jul;25(7):959-64.

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

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