

Product Data Sheet

Product Name: Ledol
Cat. No.: GC75004

Chemical Properties

Cas. No. 577-27-5

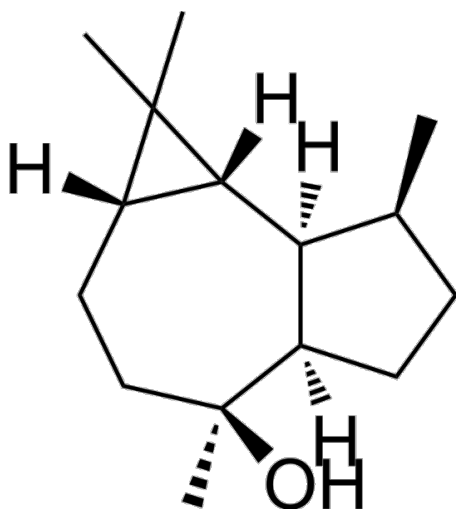
Formula $C_{15}H_{26}O$ M.Wt 222.37

Solubility DMF: 100 mg/mL (449.70 mM; Need ultrasonic); DMSO: 12.5 mg/mL (56.21 mM; ultrasonic and warming and heat to 60°C) 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 size: ship with RT, or blue ice upon request.

Structure



Background

Ledol ((+)-Ledol) is an antifungal agent that can be isolated from the essential oil fractions of *Rhododendron tomentosum*. Ledol is also the expectorant and antitussive agent, which is simultaneously responsible for adverse reactions such as dizziness, nausea and vomiting^[1].

References:

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

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[1]. Jesionek A, et al. Validated HPTLC method for determination of ledol and alloaromadendrene in the essential oil fractions of Rhododendron tomentosum plants and in vitro cultures and bioautography for their activity screening. J Chromatogr B Analyt Technol Biomed Life Sci. 2018 Jun 1;1086:63-72.

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