

Product Data Sheet

Product Name: Fenchyl alcohol

Cat. No.: GC63417

Chemical Properties

Cas. No. 1632-73-1

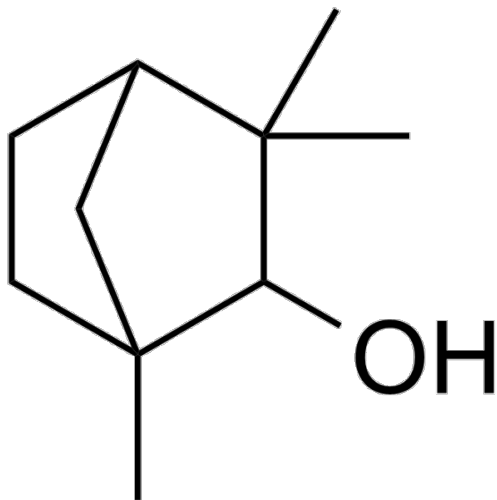
Formula $C_{10}H_{18}O$ M.Wt 154.25

Solubility Water : 41.67 mg/mL (270.15 mM; ultrasonic and warming and heat to 60°C) 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

Fenchyl alcohol is a monoterpene alcohol in the essential oils isolated from Douglas fir needles, acts as a fragrance. Fenchyl alcohol strongly inhibits the rumen microbial activity of both sheep and deer[1][2].

[1]. Api AM, et al. RIFM fragrance ingredient safety assessment, Fenchyl alcohol, CAS registry number 1632-73-1. Food Chem Toxicol. 2015 Oct;84 Suppl:S25-32.

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

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[2]. Oh HK, et al. Effect of Various Essential Oils Isolated from Douglas Fir Needles upon Sheep and Deer Rumen Microbial Activity. Appl Microbiol. 1967 Jul;15(4):777-84.

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