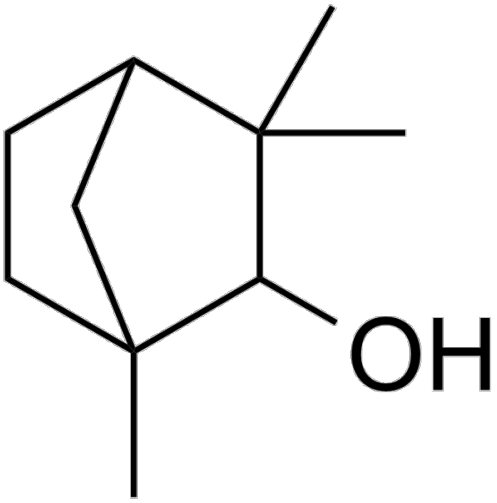
Product Data Sheet

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.
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA

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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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