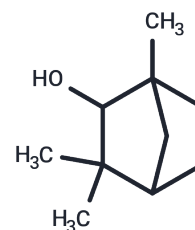


Fenchyl Alcohol

Chemical Properties

CAS No. :	1632-73-1
Formula:	C ₁₀ H ₁₈ O
Molecular Weight:	154.25
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Fenchyl alcohol is a monoterpene alcohol extracted from the essential oil of Douglas fir leaves and used as a flavor. It significantly inhibits the activity of rumen microorganisms in sheep and deer.
Targets(IC50)	Others,Antifungal

Solubility Information

Solubility	DMSO: 250 mg/mL (1620.75 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.483 mL	32.4149 mL	64.8298 mL
5 mM	1.2966 mL	6.483 mL	12.966 mL
10 mM	0.6483 mL	3.2415 mL	6.483 mL
50 mM	0.1297 mL	0.6483 mL	1.2966 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Richter TM, et al. Comparison of four extraction methods for analysis of volatile hop-derived aroma compounds in beer. J Sep Sci. 2017 Nov;40(22):4366-4376.

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