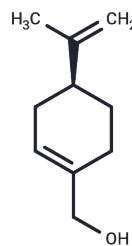


(S)-(-)-Perillyl alcohol

Chemical Properties

CAS No. :	18457-55-1
Formula:	C ₁₀ H ₁₆ O
Molecular Weight:	152.23
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	(S)-(-)-Perillyl alcohol (Perillyl alcohol) is a monoterpene extracted from <i>Chamaecyparis obtusa</i> with anticancer and neuroprotective activities. It inhibits farnesylation of Ras, up-regulates mannose 6-phosphate receptors and induces apoptosis.
Targets(IC50)	Apoptosis, Ras

Solubility Information

Solubility	DMSO: 25 mg/mL (1642.25 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.569 mL	32.845 mL	65.6901 mL
5 mM	1.3138 mL	6.569 mL	13.138 mL
10 mM	0.6569 mL	3.2845 mL	6.569 mL
50 mM	0.1314 mL	0.6569 mL	1.3138 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.

Reference

Liston BW, et al. Perillyl alcohol as a chemopreventive agent in N-nitrosomethylbenzylamine-induced rat esophageal tumorigenesis. *Cancer Res.* 2003 May 15;63(10):2399-403.

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