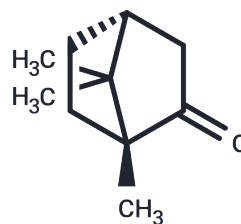


(+)-Camphor

Chemical Properties

CAS No. :	464-49-3
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	(+)-Camphor (D-Camphor) is the oil extracted from the wood of the Camphor tree Cinnamomum Camphora with anti-inflammatory and analgesic properties.
Targets(IC50)	Antibacterial,TRP/TRPV Channel

Solubility Information

Solubility	Ethanol: 28 mg/mL (183.93 mM),Sonication is recommended. DMSO: 55 mg/mL (361.3 mM),Sonication is recommended. H2O: < 1 mg/mL (insoluble or slightly soluble), (< 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

Imming P, et al. Nat Rev Drug Discov. 2006 Oct; 5(10):821-34.

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