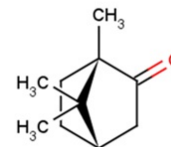


(-)-CAMPHOR

Chemical Properties

CAS No.:	464-48-2
Formula:	C ₁₀ H ₁₆ O
Molecular Weight:	152.23
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	(1S,4S)-1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one also known by its common name as (-)-Camphor is a chiral intermediate of camphor and is used as a flavour additive in foods and sweeteners.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	DMSO: 10 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	65.69 mL
5 mM	1.314 mL	6.569 mL	13.138 mL
10 mM	0.657 mL	3.285 mL	6.569 mL
50 mM	0.131 mL	0.657 mL	1.314 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Franz G., Hempel B. (2000) Campher, ein festes ?therisches ?l. In: Rietbrock N. (eds) Phytopharmaka VI. Steinkopff, Heidelberg. doi.org/10.1007/978-3-642-57735-2_2

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