

Citronellol

Chemical Properties

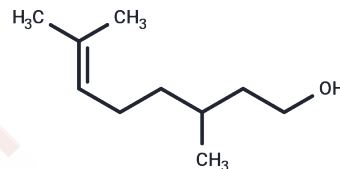
CAS No. : 106-22-9

Formula: C₁₀H₂₀O

Molecular Weight: 156.27

Appearance: no data available

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Citronellol ((±)-β-Citronellol) is used in insect repellents and perfumes and as a mite attractant.
Targets(IC50)	Reactive Oxygen Species

Solubility Information

Solubility	DMSO: 50 mg/mL (319.96 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	6.3992 mL	31.9959 mL	63.9918 mL
5 mM	1.2798 mL	6.3992 mL	12.7984 mL
10 mM	0.6399 mL	3.1996 mL	6.3992 mL
50 mM	0.128 mL	0.6399 mL	1.2798 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

Taylor WG, Schreck CE. (1985). J Pharm Sci. 74 (5): 534-539.

Wang F, Sun H, Chen M, et al.The thalamic reticular nucleus orchestrates social memory.Neuron.2024

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