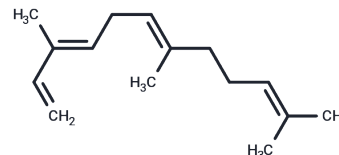


α-Farnesene

Chemical Properties

CAS No. : 502-61-4
Formula: C₁₅H₂₄
Molecular Weight: 204.357
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	α-Farnesene, a sesquiterpene, is a herbivore-induced plant volatile (HIPV) that plays a significant role in insect resistance across various plant species.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8933 mL	24.4666 mL	48.9333 mL
5 mM	0.9787 mL	4.8933 mL	9.7867 mL
10 mM	0.4893 mL	2.4467 mL	4.8933 mL
50 mM	0.0979 mL	0.4893 mL	0.9787 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

Xuwen Wang, et al. Formation of α-Farnesene in Tea (Camellia sinensis) Leaves Induced by Herbivore-Derived Wounding and Its Effect on Neighboring Tea Plants. Int J Mol Sci. 2019 Aug 25;20(17):4151.

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