

(E,E)-Farnesol

Chemical Properties

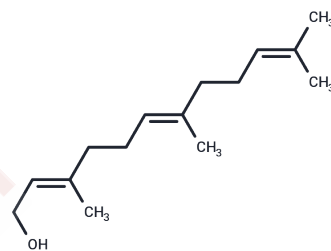
CAS No. : 106-28-5

Formula: C₁₅H₂₆O

Molecular Weight: 222.37

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

Actual storage temperature shall be subject to the COA.



Biological Description

Description	(E,E)-Farnesol ((2E,6E)-Farnesol) is a sesquiterpene acyclic alcohol produced by bacteria, protozoa, fungi, plants, and animals. (E,E)-Farnesol promotes vasodilation.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.497 mL	22.485 mL	44.9701 mL
5 mM	0.8994 mL	4.497 mL	8.994 mL
10 mM	0.4497 mL	2.2485 mL	4.497 mL
50 mM	0.0899 mL	0.4497 mL	0.8994 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Pinheiro LS, et al. Biological effects of trans, trans-farnesol in Leishmania amazonensis. Front Cell Infect Microbiol. 2023 Nov 16;13:1221246.

Delmondes GA, et al. Investigation of mechanisms of action involved in the antidepressant-like effect of Trans, trans-farnesol in mice. Chem Biol Interact. 2023 Dec 1;386:110791.

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