

(E)-3-Dodecenol

Chemical Properties

CAS No. : 68900-87-8
 Formula: C₁₂H₂₄O
 Molecular Weight: 184.32
 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)-3-Dodecenol serves as a trail pheromone for termites and can be isolated from the whole body and thoracic gland extracts of the fungus-growing termite workers. It can induce directional and recruitment behaviors, although its effect is weaker compared to (Z)-Dodecenol or natural thoracic gland extracts.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.4253 mL	27.1267 mL	54.2535 mL
5 mM	1.0851 mL	5.4253 mL	10.8507 mL
10 mM	0.5425 mL	2.7127 mL	5.4253 mL
50 mM	0.1085 mL	0.5425 mL	1.0851 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.

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