

Citronellyl Propionate

Chemical Properties

CAS No. : 141-14-0

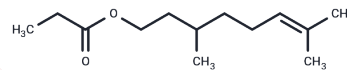
Formula: C₁₃H₂₄O₂

Molecular Weight: 212.33

Keep away from moisture

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	Citronellyl propionate is a RIFM fragrance from the bark of citrus trees. It is a potential insect repellent and has a strong repellent effect on castor caterpillars.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7097 mL	23.5483 mL	47.0965 mL
5 mM	0.9419 mL	4.7097 mL	9.4193 mL
10 mM	0.471 mL	2.3548 mL	4.7097 mL
50 mM	0.0942 mL	0.471 mL	0.9419 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

- Serrano, J.M., et al. Identification of a hyperactive pheromone analog in field tests of pheromone mimics for two click beetle species in the genus *Cardiophorus* (Coleoptera: Elateridae). *Chemoecology* 30, 297-304 (2020).
- Yuan, C., Thomas, D.S., Hook, J.M. et al. Molecular Encapsulation of Eucalyptus staigeriana Essential Oil by Forming Inclusion Complexes with Hydroxypropyl-β-Cyclodextrin. *Food Bioprocess Technol* 12, 1264-1272 (2019).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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