

Palmityl acetate

Chemical Properties

CAS No. : 629-70-9

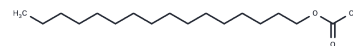
Formula: C18H36O2

Molecular Weight: 284.48

Store at low temperature

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

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Palmityl acetate (1-Hexadecanol,1-acetate) is an insect pheromone.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5152 mL	17.5759 mL	35.1519 mL
5 mM	0.703 mL	3.5152 mL	7.0304 mL
10 mM	0.3515 mL	1.7576 mL	3.5152 mL
50 mM	0.0703 mL	0.3515 mL	0.703 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

Bala, B., et al. Sex pheromones of clitoral gland: Their chemical identification and role in social and reproductive behaviour of house rat, *Rattus rattus*. *Biologia* 78, 3533-3546 (2023).

Kharchenko, D.V., Farafonov, V.S., Cheipesh, T.A. et al. Catalytic Properties of Calixarene Bearing Choline Groups in the Processes of Ester Hydrolysis. *Theor Exp Chem* 58, 363-371 (2022).

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