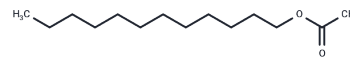


Dodecyl acetate

Chemical Properties

CAS No. :	112-66-3
Formula:	C ₁₄ H ₂₈ O ₂
Molecular Weight:	228.37
Storage:	Store at 4°C Actual storage temperature shall be subject to the COA.



Biological Description

Description	Dodecyl acetate is a volatile compound found in insect sex pheromones.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3789 mL	21.8943 mL	43.7886 mL
5 mM	0.8758 mL	4.3789 mL	8.7577 mL
10 mM	0.4379 mL	2.1894 mL	4.3789 mL
50 mM	0.0876 mL	0.4379 mL	0.8758 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

Palmera-Castrillon K, et al. Complexity of the Male Perfume of *Eulaema nigrita* from Forest and Woody Physiognomies of the Brazilian Savanna: Is There a Relationship with Body Size and Wing Wear? *Neotrop Entomol.* 2024 Apr;53(2):330-341.

Lorenzo-Parodi N, et al. Liquid-phase microextraction of aromatic amines: hollow fiber-liquid-phase microextraction and parallel artificial liquid membrane extraction comparison. *Anal Bioanal Chem.* 2023 Apr;415(9):1765-1776.

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