

Butopyronoxyl

Chemical Properties

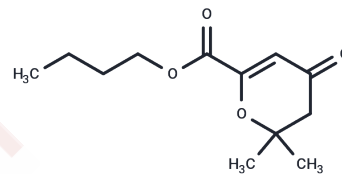
CAS No. : 532-34-3

Formula: C₁₂H₁₈O₄

Molecular Weight: 226.2689

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	Butopyronoxyl is an insect repellent primarily used to ward off mosquitoes (mainly used to repel mosquitoes).
Targets(IC50)	Others
In vitro	Indalone reduces <i>A. variegatum</i> 's attraction to the pheromone and, when introduced alone into the airstream, provokes <i>A. variegatum</i> 's repulsion[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4195 mL	22.0975 mL	44.195 mL
5 mM	0.8839 mL	4.4195 mL	8.839 mL
10 mM	0.4419 mL	2.2097 mL	4.4195 mL
50 mM	0.0884 mL	0.4419 mL	0.8839 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

C McMahon, et al. In vitro assays for repellents and deterrents for ticks: differing effects of products when tested with attractant or arrestment stimuli. *Med Vet Entomol.* 2003 Dec;17(4):370-8.

L C Rutledge, et al. Evaluation of the laboratory mouse model for screening topical mosquito repellents. *J Am Mosq Control Assoc.* 1994 Dec;10(4):565-71.

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