

## 2-undecyloxy-ethanol

## Chemical Properties

CAS No. : 38471-47-5

Formula: C<sub>13</sub>H<sub>28</sub>O<sub>2</sub>

Molecular Weight: 216.36

Storage: Store at 4°C

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	2-undecyloxy-ethanol is a monophyllous pheromone that can be used to monitor and control the population of pine saw-toothed beetles.
Targets(IC50)	Others,Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.6219 mL	23.1096 mL	46.2193 mL
5 mM	0.9244 mL	4.6219 mL	9.2439 mL
10 mM	0.4622 mL	2.311 mL	4.6219 mL
50 mM	0.0924 mL	0.4622 mL	0.9244 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

Teale SA, et al. A male-produced aggregation pheromone of *Monochamus alternatus* (Coleoptera: Cerambycidae), a major vector of pine wood nematode. *J Econ Entomol.* 2011 Oct;104(5):1592-8.

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