

## Nonan-2-yl acetate

## Chemical Properties

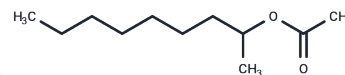
CAS No. : 14936-66-4

Formula: C<sub>11</sub>H<sub>22</sub>O<sub>2</sub>

Molecular Weight: 186.29

Storage: Store at 4°C

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Nonan-2-yl acetate (Aceticacid2-nonylester) is a volatile oil extracted from the aerial parts of <i>Ruta chalepensis</i> L. and a pheromone extracted from honey bees with potential insecticidal activity.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.368 mL	26.8399 mL	53.6797 mL
5 mM	1.0736 mL	5.368 mL	10.7359 mL
10 mM	0.5368 mL	2.684 mL	5.368 mL
50 mM	0.1074 mL	0.5368 mL	1.0736 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

Bray DP, et al. Components of the Female Sex Pheromone of the Newly-Described Canola Flower Midge, *Contarinia brassicicola*. *J Chem Ecol.* 2022 Jun;48(5-6):479-490.

Li Z, Wang Z, et al. Co-expression network analysis uncovers key candidate genes related to the regulation of volatile esters accumulation in Woodland strawberry. *Planta.* 2020 Sep 19;252(4):55.

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