

## Citronellyl isobutyrate

## Chemical Properties

CAS No. : 97-89-2

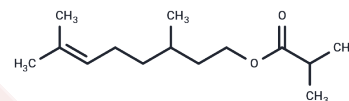
Formula: C<sub>14</sub>H<sub>26</sub>O<sub>2</sub>

Molecular Weight: 226.36

Keep away from moisture

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	Citronellyl isobutyrate (3,7-dimethyloct-6-en-1-yl isobutyrate) is a RIFM fragrance used in perfumes.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4177 mL	22.0887 mL	44.1774 mL
5 mM	0.8835 mL	4.4177 mL	8.8355 mL
10 mM	0.4418 mL	2.2089 mL	4.4177 mL
50 mM	0.0884 mL	0.4418 mL	0.8835 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

Edet UO, et al. Evaluation of Annona muricata extract against Staphylococcus aureus isolate and in-silico activity of bioactive compounds against Capsular protein (Cap50). BMC Complement Med Ther. 2022 Jul 19;22(1):192.  
Al Yahya, et al. Phytochemicals and Antimicrobial Activities of Rumex nervosus Natural Populations Grown in Sarawat Mountains, Kingdom of Saudi Arabia. Arab J Sci Eng 43, 3465-3476 (2018).

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