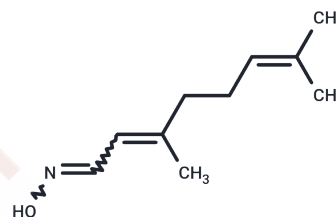


## Citral oxime

## Chemical Properties

CAS No. :	13372-77-5
Formula:	C <sub>10</sub> H <sub>17</sub> NO
Molecular Weight:	167.25
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	Citral oxime is a biochemical.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.9791 mL	29.8954 mL	59.7907 mL
5 mM	1.1958 mL	5.9791 mL	11.9581 mL
10 mM	0.5979 mL	2.9895 mL	5.9791 mL
50 mM	0.1196 mL	0.5979 mL	1.1958 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

- Ferraz MC, Mano RA, Oliveira DH, Maia DSV, Silva WP, Savegnago L, Lenardão EJ, Jacob RG. Synthesis, Antimicrobial, and Antioxidant Activities of Chalcogen-Containing Nitron Derivatives from (R)-citronellal. Medicines (Basel). 2017 Jun 10;4(2). pii: E39. doi: 10.3390/medicines4020039. PubMed PMID: 28930254; PubMed Central PMCID: PMC5590075.
- Parthasarathy R, Jenniefer SJ, Muthiah PT, Sulochana N. 2,6,6-Trimethyl-cyclo-hexene-1-carbaldehyde oxime. Acta Crystallogr Sect E Struct Rep Online. 2011 Oct 1;67(Pt 10):o2732. doi: 10.1107/S1600536811037895. Epub 2011 Sep 30. PubMed PMID: 22065695; PubMed Central PMCID: PMC3201277.

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