

## Dodecanal

## Chemical Properties

CAS No. : 112-54-9

Formula: C<sub>12</sub>H<sub>24</sub>O

Molecular Weight: 184.32

Store at low temperature

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Dodecanal is a food additive found in <i>Coriandrum sativum</i> L. and is a flavoring agent commonly used in the skin care industry.
Targets(IC50)	Others,Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.4253 mL	27.1267 mL	54.2535 mL
5 mM	1.0851 mL	5.4253 mL	10.8507 mL
10 mM	0.5425 mL	2.7127 mL	5.4253 mL
50 mM	0.1085 mL	0.5425 mL	1.0851 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

Nejad Ebrahimi S, et al. Essential oil compositions of different accessions of *Coriandrum sativum* L. from Iran. *Nat Prod Res.* 2010 Sep;24(14):1287-94.

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