

Ethyl undecanoate

Chemical Properties

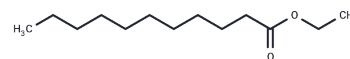
CAS No. : 627-90-7

Formula: C₁₃H₂₆O₂

Molecular Weight: 214.34

Storage: Store at 4°C

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Ethyl undecanoate is an ester compound found in wine and an intermediate in organic synthesis. It can be used to synthesize surfactants and rust inhibitors.
Targets(IC50)	Others
In vitro	Ethyl undecanoate is a natural product found in <i>Opuntia ficus-indica</i> (Indian fig opuntia) and <i>Mangifera indica</i> (mango), and it is widely used in various research areas including life sciences.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.6655 mL	23.3274 mL	46.6548 mL
5 mM	0.9331 mL	4.6655 mL	9.331 mL
10 mM	0.4665 mL	2.3327 mL	4.6655 mL
50 mM	0.0933 mL	0.4665 mL	0.9331 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

- Xiao, Z., Niu, M., Niu, Y. et al. Evaluation of the Perceptual Interaction Among Sulfur Compounds in Durian by Feller's Additive Model and Odor Activity Value. *Food Anal. Methods* 15, 1787-1802 (2022).
- Shoubao Y, et al. Yeast diversity in pit mud and related volatile compounds in fermented grains of chinese strong-flavour liquor. *AMB Express*. 2023 Jun 8;13(1):56.

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