

Ethyl 3-hexenoate

Chemical Properties

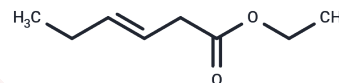
CAS No. : 26553-46-8

Formula: C₈H₁₄O₂

Molecular Weight: 142.2

Storage: Store at 4°C

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Ethyl 3-hexenoate is a volatile aroma component in pineapple and a RIFM fragrance. Currently, no genotoxicity and reproductive toxicity have been tested.
Targets(IC50)	Others
In vitro	Ethyl 3-hexenoate is a fatty acid ethyl ester of 3-hexenoic acid. It has a role as a metabolite. It is functionally related to a 3-hexenoic acid.

Solubility Information

Solubility	DMSO: 100 mg/mL (703.23 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.0323 mL	35.1617 mL	70.3235 mL
5 mM	1.4065 mL	7.0323 mL	14.0647 mL
10 mM	0.7032 mL	3.5162 mL	7.0323 mL
50 mM	0.1406 mL	0.7032 mL	1.4065 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

Zheng, Y., Wu, K., Zhu, Y. et al. Demethylation of model lignin to polyphenols catalyzed by solid acid in halogen-free aqueous system. *Reac Kinet Mech Cat* 136, 1407–1421 (2023).

Metrani, R., et al. Optimization of Experimental Parameters and Chemometrics Approach to Identify Potential Volatile Markers in Seven Cucumis melo Varieties Using HS-SPME-GC-MS. *Food Anal. Methods* 15, 607–624 (2022).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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