

Methyl (E)-oct-2-enoate

Chemical Properties

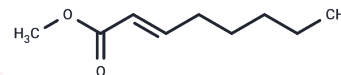
CAS No. : 7367-81-9

Formula: C₉H₁₆O₂

Molecular Weight: 156.22

Keep away from moisture, Store under nitrogen
 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	Methyl (E)-oct-2-enoate (Methyl trans-2-octenoate) is a volatile substance found in melons and fruits and is a flavor.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.4012 mL	32.0061 mL	64.0123 mL
5 mM	1.2802 mL	6.4012 mL	12.8025 mL
10 mM	0.6401 mL	3.2006 mL	6.4012 mL
50 mM	0.128 mL	0.6401 mL	1.2802 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

Wang M, et al. Medium chain unsaturated fatty acid ethyl esters inhibit persister formation of Escherichia coli via antitoxin HipB. Appl Microbiol Biotechnol. 2018 Oct;102(19):8511-8524.

Radiojevic J, et al. Polyhydroxyalkanoate-based 3-hydroxyoctanoic acid and its derivatives as a platform of bioactive compounds. Appl Microbiol Biotechnol. 2016 Jan;100(1):161-72.

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