

Methyl 2-ethylhexanoate

Chemical Properties

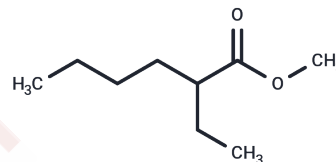
CAS No. : 816-19-3

Formula: C₉H₁₈O₂

Molecular Weight: 158.24

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 2-ethylhexanoate (2-Ethylhexanoic Acid Methyl Ester) is a volatile substance with antifungal activity that can be used to study anthrax.
Targets(IC50)	Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.3195 mL	31.5976 mL	63.1951 mL
5 mM	1.2639 mL	6.3195 mL	12.639 mL
10 mM	0.632 mL	3.1598 mL	6.3195 mL
50 mM	0.1264 mL	0.632 mL	1.2639 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

Xu, H., Wu, M., Shang, N. et al. Fortification of Wheat Bread with Edible Chrysanthemum (*Chrysanthemum morifolium* Ramat.): Unraveling the Mechanisms of Dough Rheology and Bread Quality Changes. *Food Bioprocess Technol* 16, 82–97 (2023).

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