

METHYL UNDECANOATE

Chemical Properties

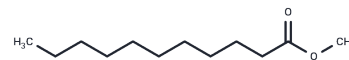
CAS No. : 1731-86-8

Formula: C₁₂H₂₄O₂

Molecular Weight: 200.32

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 undecanoate is a natural product found in <i>Daphne odora</i> .
Targets(IC50)	Others

Solubility Information

Solubility	Ethanol: 25 mg/mL (124.8 mM), Sonication is recommended. DMSO: 55 mg/mL (274.56 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	4.992 mL	24.9601 mL	49.9201 mL
5 mM	0.9984 mL	4.992 mL	9.984 mL
10 mM	0.4992 mL	2.496 mL	4.992 mL
50 mM	0.0998 mL	0.4992 mL	0.9984 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

Cristina Cruz-Hernandez, et al. Direct quantification of fatty acids in human milk by gas chromatography. J Chromatogr A. 2013 Apr 5;1284:174-9.

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