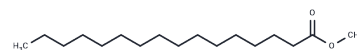


Methyl palmitate

Chemical Properties

CAS No. :	112-39-0
Formula:	C17H34O2
Molecular Weight:	270.45
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Methyl palmitate (Palmitic acid methyl ester) is used as an intermediate of emulsifier, wetting agent, stabilizer and plasticizer.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 5 mg/mL (18.49 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6975 mL	18.4877 mL	36.9754 mL
5 mM	0.7395 mL	3.6975 mL	7.3951 mL
10 mM	0.3698 mL	1.8488 mL	3.6975 mL
50 mM	0.074 mL	0.3698 mL	0.7395 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.

Reference

Wang, T., Chen, W., Zeng, H., & Chen, D. (2012). Chemical Components in Extracts from Plastrum Testudinis with Proliferation-Promoting Effects on Rat Mesenchymal Stem Cells. Chemical Biology & Drug Design, 79(6), 1049-

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