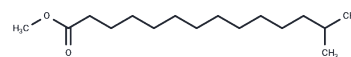


13-methyl Myristic Acid methyl ester

Chemical Properties

CAS No. :	5129-59-9
Formula:	C16H32O2
Molecular Weight:	256.42
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	13-methyl Myristic acid methyl ester is a methylated bacterial fatty acid methyl ester. It has been used as a marker of bacteria in sewage sludges and of bacterial contaminants in pharmaceutical manufacturing by GC-MS.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 20 mg/mL (78 mM),Sonication is recommended. DMF: 30 mg/mL (117 mM),Sonication is recommended. Ethanol: 30 mg/mL (117 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	3.8999 mL	19.4993 mL	38.9985 mL
5 mM	0.780 mL	3.8999 mL	7.7997 mL
10 mM	0.390 mL	1.9499 mL	3.8999 mL
50 mM	0.078 mL	0.390 mL	0.780 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.

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