

15-Methyl Palmitic Acid

Chemical Properties

CAS No. : 1603-03-8

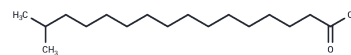
Formula: C17H34O2

Molecular Weight: 270.45

Store at low temperature

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	15-methyl Palmitic Acid is a methylated fatty acid that is widely found in animal lipids and may be involved in the regulation of fat metabolism.
Targets(IC50)	Others

Solubility Information

Solubility	Chloroform: Soluble Ether: Soluble Ethanol: Soluble (< 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.

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

- HANSEN RP, et al. The branched-chain fatty acids of ox fat. 2. The isolation of 15-methylhexadecanoic acid. *Biochem J.* 1955 Sep;61(1):141-3.
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- Park MS, et al. *Chryseobacterium soldanellicola* sp. nov. and *Chryseobacterium taeenense* sp. nov., isolated from roots of sand-dune plants. *Int J Syst Evol Microbiol.* 2006 Feb;56(Pt 2):433-438.
- Aliero AA, et al. Volatile components from the roots of *Solanum pseudocapsicum*. *J Med Food.* 2007 Sep;10(3):557-8.
- Kumada H, et al. Structural study on the free lipid A isolated from lipopolysaccharide of *Porphyromonas gingivalis*. *J Bacteriol.* 1995 Apr;177(8):2098-106.

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