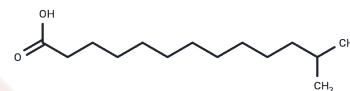


Isomyristic acid

Chemical Properties

CAS No. :	2724-57-4
Formula:	C ₁₄ H ₂₈ O ₂
Molecular Weight:	228.37
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	Isomyristic acid, also known by its systematic name 12-methyltridecanoic acid, is a branched-chain saturated fatty acid characterized by a 14-carbon backbone with a methyl branch located at the 12th carbon position. Isomyristic acid is found naturally in the lipid compositions of various organisms, including certain species of bacteria, fungi, and fish.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3789 mL	21.8943 mL	43.7886 mL
5 mM	0.8758 mL	4.3789 mL	8.7577 mL
10 mM	0.4379 mL	2.1894 mL	4.3789 mL
50 mM	0.0876 mL	0.4379 mL	0.8758 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

Zhang JC, et al. Medelamine C, a new omega-hydroxy alkylamine derivative from endophytic Streptomyces sp. YIM 66142. Nat Prod Commun. 2014 Jan;9(1):99-100.

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