

Methyl dotriacontanoate

Chemical Properties

CAS No. : 41755-79-7

Formula: C33H66O2

Molecular Weight: 494.88

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	Methyl dotriacontanoate (C32:0 FAME; Lacceric acid methyl ester) is a naturally occurring fatty acid methyl ester found in the cuticular wax of <i>P. abies</i> needles. It is also present in sediment samples from the Suwannee River in Florida and Lake Kivu in the East African Rift.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0207 mL	10.1035 mL	20.2069 mL
5 mM	0.4041 mL	2.0207 mL	4.0414 mL
10 mM	0.2021 mL	1.0103 mL	2.0207 mL
50 mM	0.0404 mL	0.2021 mL	0.4041 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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