

Heptacosanoic acid

Chemical Properties

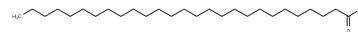
CAS No. : 7138-40-1

Formula: C₂₇H₅₄O₂

Molecular Weight: 410.72

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	Heptacosanoic acid is a compound derived from Rhodosporidium kratochvilovae HIMPA1, a novel oil-bearing yeast isolated from Himalayan permafrost.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4347 mL	12.1737 mL	24.3475 mL
5 mM	0.4869 mL	2.4347 mL	4.8695 mL
10 mM	0.2435 mL	1.2174 mL	2.4347 mL
50 mM	0.0487 mL	0.2435 mL	0.4869 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

Bose M, et al. Characterization of Severity in Zellweger Spectrum Disorder by Clinical Findings: A Scoping Review, Meta-Analysis and Medical Chart Review. Cells. 2022 Jun 10;11(12):1891.

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