

Tetrahydroxysqualene

Chemical Properties

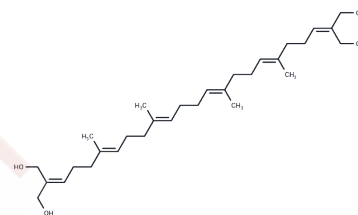
CAS No. : 1043629-23-7

Formula: C₃₀H₅₀O₄

Molecular Weight: 474.72

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	Tetrahydroxysqualene shows antimycobacterial activity with an MIC of 10.0 microg/mL, while showing only modest cytotoxicity.
Targets(IC50)	Antibacterial, Antifection

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1065 mL	10.5325 mL	21.065 mL
5 mM	0.4213 mL	2.1065 mL	4.213 mL
10 mM	0.2107 mL	1.0533 mL	2.1065 mL
50 mM	0.0421 mL	0.2107 mL	0.4213 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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