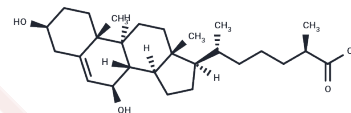


3 β ,7 β -Dihydroxy-5-cholestenoic acid

Chemical Properties

CAS No. :	1246298-66-7
Formula:	C ₂₇ H ₄₄ O ₄
Molecular Weight:	432.64
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	3 β ,7 β -Dihydroxy-5-cholestenoic acid is a C ₂₇ acid whose levels are elevated in Niemann-Pick Type C and B diseases, leading to toxicity in ocular motor neurons. It is synthesized by the enzymatic action of hydroxysteroid 11- β dehydrogenase 1 from 3 β -hydroxy-7-oxocholest-5-en-(25R)26-enoic acid (3 β H,7O-CA).
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3114 mL	11.557 mL	23.1139 mL
5 mM	0.4623 mL	2.3114 mL	4.6228 mL
10 mM	0.2311 mL	1.1557 mL	2.3114 mL
50 mM	0.0462 mL	0.2311 mL	0.4623 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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