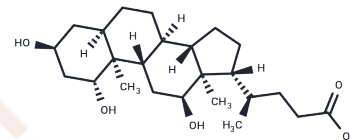


1 β -Hydroxydeoxycholic acid

Chemical Properties

CAS No. :	80434-32-8
Formula:	C ₂₄ H ₄₀ O ₅
Molecular Weight:	408.57
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	1 β -Hydroxydeoxycholic acid (1 β -OH-DCA), recognized as a secondary bile acid, serves as a biomarker for CYP3A. This compound is metabolized from deoxycholic acid specifically by CYP3A4 and CYP3A7 through recombinant human CYP450 enzymes [1].
Targets(IC50)	Endogenous Metabolite,Cytochromes P450

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4476 mL	12.2378 mL	24.4756 mL
5 mM	0.4895 mL	2.4476 mL	4.8951 mL
10 mM	0.2448 mL	1.2238 mL	2.4476 mL
50 mM	0.049 mL	0.2448 mL	0.4895 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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