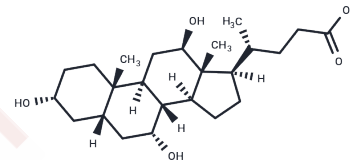


12 β -Hydroxyisocholic Acid

Chemical Properties

CAS No. :	71883-64-2
Formula:	C ₂₄ H ₄₀ O ₅
Molecular Weight:	408.57
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	12 β -Hydroxyisocholic Acid (Lagocholic Acid) is a bile acid isomer that has been implicated in bile metabolism and may be used in the study of metabolic disorders.
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

Solubility	Methanol: slightly soluble Ethanol: slightly soluble DMF: slightly soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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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.

Reference

- Claudel T, Staels B, Kuipers F. The Farnesoid X receptor: a molecular link between bile acid and lipid and glucose metabolism. *Arterioscler Thromb Vasc Biol.* 2005 Oct;25(10):2020-30.
- Chiang JY. Bile acid regulation of hepatic physiology: III. Bile acids and nuclear receptors. *Am J Physiol Gastrointest Liver Physiol.* 2003 Mar;284(3):G349-56.
- Davis RA, et al. Regulation of cholesterol-7alpha-hydroxylase: BAREly missing a SHP. *J Lipid Res.* 2002 Apr;43(4):533-43.

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