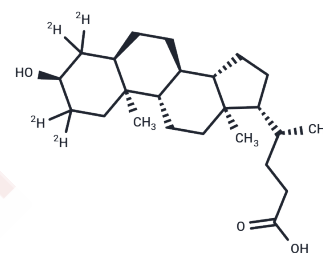


## Lithocholic Acid-D4

## Chemical Properties

CAS No. :	83701-16-0
Formula:	C <sub>24</sub> H <sub>36</sub> D <sub>4</sub> O <sub>3</sub>
Molecular Weight:	380.6
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	Lithocholic Acid-D4 is a deuterated compound of Lithocholic Acid. Lithocholic Acid (T2202) has a CAS number of 434-13-9. Lithocholic acid is a bile acid formed from chenodeoxycholate by bacterial action, usually conjugated with glycine or taurine. It acts as a detergent to solubilize fats for absorption and is itself absorbed. It is used as cholagogue and choleric.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6274 mL	13.1372 mL	26.2743 mL
5 mM	0.5255 mL	2.6274 mL	5.2549 mL
10 mM	0.2627 mL	1.3137 mL	2.6274 mL
50 mM	0.0525 mL	0.2627 mL	0.5255 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.

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