

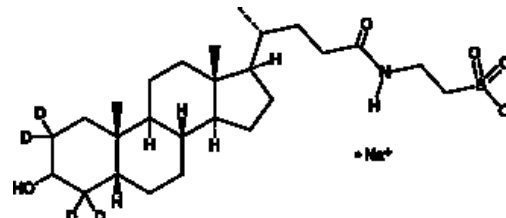


Taurolithocholic Acid-d₄ (sodium salt)

Cat No: 32984 - 1 mg

General Data

Shipping:	dry ice
Formulation:	A crystalline solid
Purity:	≥99% deuterated forms (d1-d4)



Product Overview

Taurolithocholic acid-d₄ (TLCA-d₄) is intended for use as an internal standard for the quantification of TLCA (Item No. 17275) by GC- or LC-MS. TLCA is a taurine-conjugated form of the secondary bile acid lithocholic acid (Item No. 20253).{33902} TLCA (75 μM) increases caspase-3 and -7 activity in Hep3B cells transfected with sodium taurocholate cotransporting peptide (NTCP), but not nontransfected Hep3B cells.{28235} It has been used to induce cholestasis in ex vivo and in vivo animal models of hepatocellular cholestasis. {28234,43818} Serum levels of TLCA increase approximately 5-fold within two hours during an oral lipid tolerance test in humans.{33902}

FP/23/24

For research laboratory use only – Not for human diagnostic use.

Buyers agree to purchase the material subject to Purchasing Terms that can be found on our website. Seek appropriate training to safely handle this product under normal conditions. Use the recommended personal protective equipment to prevent chemical exposures.

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