

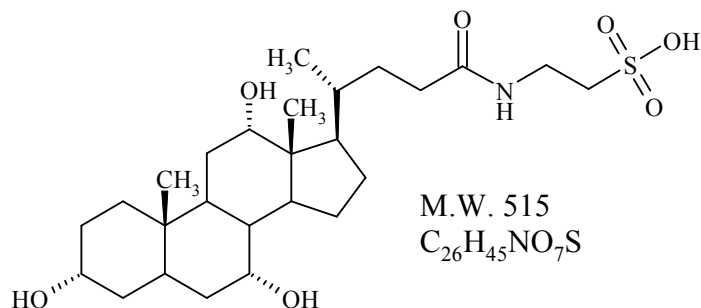
Caution: For Laboratory Use. A product for research purposes only.

## TAUROCHOLIC ACID, [<sup>3</sup>H(G)]-

Product Number: NET322

### LOT SPECIFIC INFORMATION

Lot Number:	1809291
Specific Activity:	15.4 Ci/mmol
	569.8 GBq/mmol
Production Date:	26-Nov-2013



**PACKAGING:** 1 mCi/ml (37 MBq/ml) in methanol:ethanol, (1:3).

**STABILITY AND STORAGE RECOMMENDATIONS:** When taurocholic acid, [<sup>3</sup>H(G)]- is stored at 5°C in its original solvent and at its original concentration, the rate of decomposition is initially 1% for the first 6 months from date of purification. Stability is nonlinear and not correlated to isotope half-life. Lot to lot variation may occur.

**SPECIFIC ACTIVITY RANGE:** >3 Ci/mmol (>111 GBq/mmol)

**RADIOCHEMICAL PURITY:** This product was initially found to be greater than 97% when determined by the following methods. The rate of decomposition can accelerate. It is advisable to check purity prior to use:

High pressure liquid chromatography on a C18 column using the following mobile phase:  
0.01M potassium phosphate, (pH 7.5) : acetonitrile (75/25) to (25/75), 10 min. linear gradient.

Thin layer chromatography on silica gel using the following solvent system:  
chloroform : methanol : ammonium hydroxide : water (35:15:0.8:1.2)

**QUALITY CONTROL:** The radiochemical purity of taurocholic acid, [<sup>3</sup>H(G)]- is checked at appropriate intervals using the first listed chromatography method.

**HAZARD INFORMATION:** WARNING: This product contains a chemical known to the state of California to cause cancer.