

Research use only. Not for use in diagnostic procedures.

## Taurocholic Acid, [3H(G)]-

Product Number: NET322

## LOT SPECIFIC INFORMATION

Lot Number: 3137072

Specific Activity: \_\_\_\_12.9 \_\_\_\_ Ci/mmol

\_\_\_\_477\_\_\_\_\_ GBq/mmol

Production Date: 7 Apr 2023

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

**STABILITY AND STORAGE RECOMMENDATIONS:** When taurocholic acid,  $[^3H(G)]$ - 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.

**QUALITY CONTROL:** The radiochemical purity of taurocholic acid,  $[^3H(G)]$ - is checked at appropriate intervals using the above listed chromatography method.

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

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