

Research use only. Not for use in diagnostic procedures.

Cholesterol, [1,2-3H(N)]-

Product Number: NET139

LOT SPECIFIC INFORMATION

Lot Number: 3306146

Specific Activity: 52.7 Ci/mmol

_____ GBq/mmol

Production Date: 01-Jul-2024

PACKAGING: 1.0 mCi/ml (37 MBq/ml) in ethanol.

STABILITY AND STORAGE RECOMMENDATIONS: When cholesterol, $[1,2^{-3}H(N)]$ - is stored at -20°C in its original solvent and at its original concentration, the rate of decomposition is initially 3% for the first two months from date of purification. Stability is nonlinear and not correlated to isotope half-life. Lot to lot variation may occur.

SPECIFIC ACTIVITY RANGE: >40 Ci/mmol (>1480 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 C8 column using the following mobile phase: acetonitrile: methanol, (95:5).

QUALITY CONTROL: The radiochemical purity of cholesterol, $[1,2^{-3}H(N)]$ - is checked at appropriate intervals using the listed chromatography method.

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

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