

Research use only. Not for use in diagnostic procedures.

Triolein, [9,10-3H(N)]-

Product Number: NET431

LOT SPECIFIC INFORMATION

 Lot Number:
 3272388

 Specific Activity:
 49.2
 Ci/mmol

 1820.4
 GBq/mmol

 Production Date:
 07 May 2024

PACKAGING: 0.5 mCi/ml (18.5 MBq/ml) in toluene: ethanol (1:1), in a silanized vial, under argon. Shipped in dry ice.

STABILITY AND STORAGE RECOMMENDATIONS: When triolein, [9,10-3H(N)]- is stored at -20°C in its original solvent and at its original concentration, the rate of decomposition is initially 1% for 3 months from the date of purification. Stability is nonlinear and not correlated to isotope half-life. Lot to lot variation may occur.

• This compound is sensitive to air. Store in an inert atmosphere.

SPECIFIC ACTIVITY RANGE: 30-120 Ci/mmol (1110-4440 GBq/mmol)

RADIOCHEMICAL PURITY: This product was initially found to be greater than 97% when determined by the following method. 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: Ethanol: Acetonitrile (80:20)

QUALITY CONTROL: The radiochemical purity of triolein, $[9,10^{-3}H(N)]$ - 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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