

Research use only. Not for use in diagnostic procedures.

Naloxone, [N-Allyl-2,3-3H]-

Product Number: NET719

LOT SPECIFIC INFORMATION

Lot Number: 3245880

Specific Activity: _____79.9 ____ Ci/mmol

______ GBq/mmol

Production Date: _____03-Jan-2024

M.W. 327 C₁₉H₂₁NO₄

PACKAGING: 1 mCi/ml (37 MBq/ml) in ethanol, under argon in a silanized vial which protects the contents from UV light. Shipped in dry ice.

STABILITY AND STORAGE RECOMMENDATIONS: When naloxone, [N-allyl-2,3-3H]- is stored at -20°C in its original solvent and at its original concentration, the rate of decomposition is initially 1% per month 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 one of 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: 0.2% trifluoroacetic acid: acetonitrile, (9:1).

QUALITY CONTROL: The radiochemical purity of naloxone, [N-allyl-2,3-3H]- is checked at appropriate intervals using the above listed chromatography method.

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

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NET719-R Rev02

