

Research use only. Not for use in diagnostic procedures.

Norepinephrine, Levo-[7-3H]-

Product Number: NET377

LOT SPECIFIC INFORMATION

Lot Number: 3287018

Specific Activity: 11.8 Ci/mmol

436.6 ____ GBq/mmol

Production Date: 8-May-2024

M.W. 169 C₈H₁₁NO₃

PACKAGING: 1 mCi/ml (37 MBq/ml) in 0.2N acetic acid: ethanol solution (9:1), under argon in a vial which protects the contents from UV light. Shipped in dry ice.

STABILITY AND STORAGE RECOMMENDATIONS: When norepinephrine, levo-[7-3H] is stored at -80°C in its original solvent and original concentration, the rate of decomposition is initially less than 2% per month. Stability is nonlinear and not correlated to isotope half-life. Lot to lot variation may occur.

• Norepinephrine, levo-[7-3H] is sensitive to light and to air oxidation. Precautions should be taken to minimize exposure to these conditions.

SPECIFIC ACTIVITY RANGE: >8 Ci/mmol (296 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 cation exchange column using the following mobile phase: potassium phosphate buffer, pH 4.3.

QUALITY CONTROL: The radiochemical purity of norepinephrine, levo-[7-3H]- is checked at appropriate intervals using the 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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