

Research use only. Not for use in diagnostic procedures.

Norepinephrine, Levo-[Ring-2,5,6-3H]-

Product Number: NET678

LOT SPECIFIC INFORMATION

Lot Number: 3187156

Specific Activity: 61.1 Ci/mmol

2260.7 ____ GBq/mmol

Production Date: 19-Sep-2023

M.W. 169 $C_8H_{11}NO_3$

PACKAGING: 1.0 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-[ring-2,5,6-3H]- is stored at -20°C in its original solvent and at its original concentration, the rate of decomposition is initially 3.5% per month from date of purification. Stability is nonlinear and not correlated to isotope half-life. Lot to lot variation may occur.

• Norepinephrine, levo-[ring-2,5,6-3H]- is sensitive to light and is subject to air oxidation, and precautions should be taken to minimize exposure to these conditions.

SPECIFIC ACTIVITY RANGE: >20 Ci/mmol (>740 GBg/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 SCX column using the following mobile phase: potassium phosphate buffer, pH 4.3.

QUALITY CONTROL: The radiochemical purity of norepinephrine, levo-[ring-2,5,6-3H]- 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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