

Research use only. Not for use in diagnostic procedures.

Propranolol, L-(-)-[4-3H]-

Product Number: NET515

LOT SPECIFIC INFORMATION

Lot Number: 3299857

Specific Activity: 21.8 Ci/mmol

806.6 GBq/mmol

Production Date: 25-Jun-2024

PACKAGING: 1.0 mCi/ml (37 MBq/ml) in ethanol, under argon in a vial which protects the contents from UV light. Shipped on dry ice.

STABILITY AND STORAGE RECOMMENDATIONS: When propranolol, L-(-)-[4-3H]- is stored at -20°C in its original solvent and at its original concentration, the rate of decomposition is initially 1% for 2 months from date of purification. Stability is nonlinear and not correlated to isotope half-life. Lot to lot variation may occur.

SPECIFIC ACTIVITY RANGE: 15-30 Ci/mmol (555-1110 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 C18 column using the following mobile phase:

1% triethylamine acetate pH 4: acetonitrile, (70:30). Ratio could be changed based on column age.

QUALITY CONTROL: The radiochemical purity of propranolol, L-(-)- $[4^{-3}H]$ - 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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NET515-R Rev01

