

Research use only. Not for use in diagnostic procedures.

## Rauwolscine, [Methyl-3H]-

Product Number: NET722

## LOT SPECIFIC INFORMATION

Lot Number: 3239868

Specific Activity: \_\_\_\_83.1 \_\_\_ Ci/mmol

\_\_\_\_\_ GBq/mmol

Production Date: 02-Jan-2024

**PACKAGING:** 1.0 mCi/ml (37 MBq/ml) in an ethanol solution containing 0.25% of ascorbic acid, under nitrogen in a vial which protects the contents from UV light. Shipped in dry ice.

**STABILITY AND STORAGE RECOMMENDATIONS:** When rauwolscine, [methyl-<sup>3</sup>H]- is stored at -80°C in its original solvent and at its original concentration, the rate of decomposition is initially 0.9% for 1 month from date of purification. Stability is nonlinear and not correlated to isotope half-life. Lot to lot variation may occur.

SPECIFIC ACTIVITY RANGE: >70 Ci/mmol (>2590 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 C8 column using the following mobile phase: 1% triethylammonium acetate, pH4: acetonitrile, (8:2).

**QUALITY CONTROL:** The radiochemical purity of rauwolsine, [methyl-<sup>3</sup>H]- is checked at appropriate intervals using listed chromatography method.

**HAZARD INFORMATION:** WARNING: This product contains a chemical known to the state of California to cause cancer.

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