

Research use only. Not for use in diagnostic procedures.

Rauwolscine, [Methyl-3H]-

Product Number: NET722

LOT SPECIFIC INFORMATION

Lot Number: 3203516

Specific Activity: 83.1 Ci/mmol

____3075_____ GBq/mmol

Production Date: 03-Oct-2023

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-³H]- 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-³H]- 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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