

Research use only. Not for use in diagnostic procedures.

## Nisoxetine HCl, [N-Methyl-3H]-

Product Number: NET1084

## **LOT SPECIFIC INFORMATION**

Lot Number: 3187758

Specific Activity: \_\_\_\_82.6 \_ Ci/mmol

\_\_\_3056\_\_\_\_ GBq/mmol

Production Date: 14-Sep-2023

$$\begin{array}{c} H \\ N \\ C^3H_3 \\ \end{array}$$
 HCl

M.W. 307 C<sub>17</sub>H<sub>22</sub>ClNO<sub>2</sub>

**PACKAGING:** 1 mCi/ml (37 MBq/ml) in ethanol, under argon. Shipped in dry ice.

**STABILITY AND STORAGE RECOMMENDATIONS:** When nisoxetine HCl, [N-methyl-³H]- is stored at -20°C in its original solvent and at its original concentration, the initial rate of decomposition is approximately 1% for 3 months. Stability is nonlinear and not correlated to isotope half-life. Lot to lot variation may occur.

SPECIFIC ACTIVITY RANGE: 70-87 Ci/mmol (2590-3219 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. Purity should be checked prior to use:

High pressure liquid chromatography on a Rx-C8 column or equivalent using the following mobile phase: 1% triethylammonium acetate pH 4: acetonitrile, (60:40).

**QUALITY CONTROL:** The radiochemical purity of nisoxetine HCl, [N-methyl-<sup>3</sup>H]- 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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NET1084-R Rev01

