

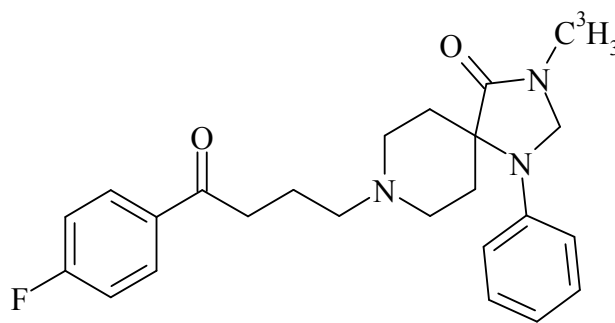
Caution: For Laboratory Use. A product for research purposes only.

## METHYLSPIPERONE, [N-METHYL-<sup>3</sup>H]-

Product Number: NET856

### LOT SPECIFIC INFORMATION

Lot Number:	2060556
Specific Activity:	64.1 Ci/mmol
	2371.7 GBq/mmol
Production Date:	2 September 2015



M.W. 409  
C<sub>24</sub>H<sub>28</sub>FN<sub>3</sub>O<sub>2</sub>

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

**STABILITY AND STORAGE RECOMMENDATIONS:** When methylspiperone, [N-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 3% for 4 months from date of purification. Stability is nonlinear and not correlated to isotope half-life. Lot to lot variation may occur.

**SPECIFIC ACTIVITY RANGE:** >60 Ci/mmol (>2220 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:  
acetonitrile : 1% triethylammonium acetate, pH 4, (3:7).

**QUALITY CONTROL:** The radiochemical purity of methylspiperone, [N-methyl-<sup>3</sup>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.