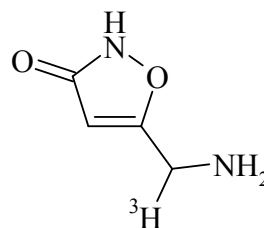


Research Use Only. Not for use in diagnostic procedures.

**MUSCIMOL, [METHYLENE-³H(N)]-
(3-HYDROXY-5-AMINOMETHYLISOXAZOLE)****Product Number: NET574****LOT SPECIFIC INFORMATION**

Lot Number:	2691741
Specific Activity:	20 Ci/mmol
	740 GBq/mmol
Production Date:	1 Feb 2021

M.W. 114
C₄H₆N₂O₂**PACKAGING:** 1.0 mCi/ml (37 MBq/ml) in ethanol : water (1:1) in a vial which protects the contents from UV light.**STABILITY AND STORAGE RECOMMENDATIONS:** When Muscimol, [methylene-³H(N)]- is stored at -20°C in its original solvent and at its original concentration, the rate of decomposition is initially 3% 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:** 20-40 Ci/mmol (740-1480 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 Polyhydroxyethyl A column using the following mobile phase:
0.005 M potassium phosphate, pH 5.5 / acetonitrile (45:55)**QUALITY CONTROL:** The radiochemical purity of muscimol, [methylene-³H(N)]- 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.