

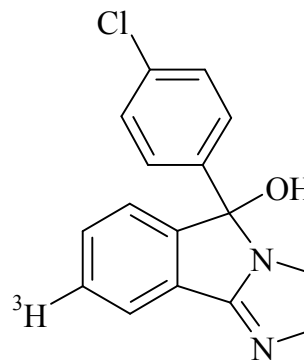
Caution: For Laboratory Use. A product for research purposes only.

MAZINDOL, [4'-³H]-

Product Number: NET816

LOT SPECIFIC INFORMATION

Lot Number:	2116016
Specific Activity:	20.3 Ci/mmol
	751.1 GBq/mmol
Production Date:	18 Jan 2016



M.W. 284
C₁₆H₁₃ClN₂O

PACKAGING: 1.0 mCi/ml (37 MBq/ml) in ethanol. Shipped in dry ice.

STABILITY AND STORAGE RECOMMENDATIONS: When mazindol, [4'-³H]- is stored at -20°C in its original solvent and at its original concentration, the rate of decomposition is initially 1.5% for 6 months from date of purification. Stability is nonlinear and not correlated to isotope half-life. Lot to lot variation may occur.

SPECIFIC ACTIVITY RANGE: 15-30 Ci/mmol (555-1110 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. It is advisable to check purity prior to use:

High pressure liquid chromatography on a Zorbax Rx-C8 column using the following mobile phase:
methanol : 1% triethylamine acetate, pH 4.0, (1:1).

QUALITY CONTROL: The radiochemical purity of mazindol, [4'-³H]- is checked at appropriate intervals using the listed chromatography method.

REFERENCE: R. E. Heikkila, F. S. Cabbot & C. Mytilineou, *European Journal of Pharmacology*, **45**, 329 (1977).

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