

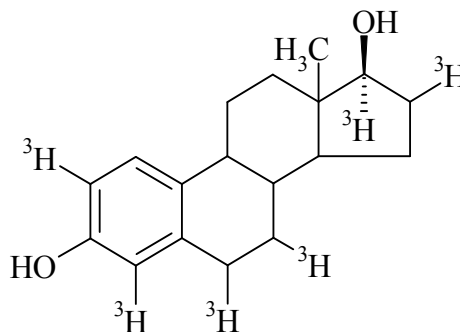
Caution: For Laboratory Use. A product for research purposes only.

ESTRADIOL, [2,4,6,7,16,17-³H(N)]-

Product Number: NET517

LOT SPECIFIC INFORMATION

Lot Number:	1956139
Specific Activity:	120.5 Ci/mmol
	4458.5 GBq/mmol
Production Date:	10 December 2014



M.W. 272
C₁₈H₂₄O₂

PACKAGING: 1.0 mCi/ml (37 MBq/ml) in ethanol, shipped on dry ice.

STABILITY AND STORAGE RECOMMENDATIONS: When estradiol, [2,4,6,7,16,17-³H(N)]- is stored at -20°C in its original solvent and at its original concentration, the rate of decomposition is initially 2-3% over the first three months from date of purification. Stability is nonlinear and not correlated to isotope half-life. Lot to lot variation may occur.

SPECIFIC ACTIVITY RANGE: >110 Ci/mmol (>4070 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 : water, (47:53).

QUALITY CONTROL: The radiochemical purity of estradiol, [2,4,6,7,16,17-³H(N)]- 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.