

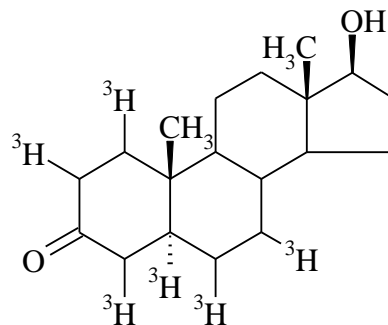
Caution: For Laboratory Use. A product for research purposes only.

**DIHYDROTESTOSTERONE, [1,2,4,5,6,7-<sup>3</sup>H(N)]-  
(5α-ANDROSTAN-17β-OL-3-ONE)**

**Product Number: NET453**

**LOT SPECIFIC INFORMATION**

Lot Number:	2081436
Specific Activity:	92.3 Ci/mmol
	3415 GBq/mmol
Production Date:	13-Nov-2015



M.W. 290  
C<sub>19</sub>H<sub>30</sub>O<sub>2</sub>

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

**STABILITY AND STORAGE RECOMMENDATIONS:** When dihydrotestosterone, [1,2,5,6,7-<sup>3</sup>H(N)]- is stored at -20°C in its original solvent and at its original concentration, the rate of decomposition is initially 3% for the first six months from date of purification. Stability is nonlinear and not correlated to isotope half-life. Lot to lot variation may occur.

**SPECIFIC ACTIVITY RANGE:** >80 Ci/mmol (>2960 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 C18 column using the following mobile phase:  
methanol : tetrahydrofuran : water (45:15:40).

**QUALITY CONTROL:** The radiochemical purity of dihydrotestosterone, [1,2,4,5,6,7-<sup>3</sup>H(N)]- is checked at appropriate intervals using the first listed chromatography method.

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