

Research use only. Not for use in diagnostic procedures.

Testosterone, [1,2,6,7-3H(N)]-

Product Number: NET370

LOT SPECIFIC INFORMATION

 Lot Number:
 3162459

 Specific Activity:
 99.2
 Ci/mmol

 3670
 GBq/mmol

 Production Date:
 15-Jun-2023

³H CH₃

³H CH₃

M.W. 288

M.W. 288 $C_{19}H_{28}O_{2}$

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

STABILITY AND STORAGE RECOMMENDATIONS: When testosterone, [1,2,6,7-3H(N)]- is stored at -20°C in its original solvent and at its original concentration, the rate of decomposition is initially 1-2% per month from date of purification. Stability is nonlinear and not correlated to isotope half-life. Lot to lot variation may occur.

SPECIFIC ACTIVITY RANGE: 70-105 Ci/mmol (2590-3885 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, (1:1).

QUALITY CONTROL: The radiochemical purity of testosterone, $[1,2,6,7^{-3}H(N)]$ - is checked at appropriate intervals using the above listed chromatography method.

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

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