

Research use only. Not for use in diagnostic procedures.

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

Product Number: NET370

LOT SPECIFIC INFORMATION

Lot Number: 3386567

Specific Activity: 99.2 Ci/mmol

3670.4 GBq/mmol

Production Date: 6-Mar-2025

3H CH₃
3H CH₃
3H 3H

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

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NET370-R Rev01

