

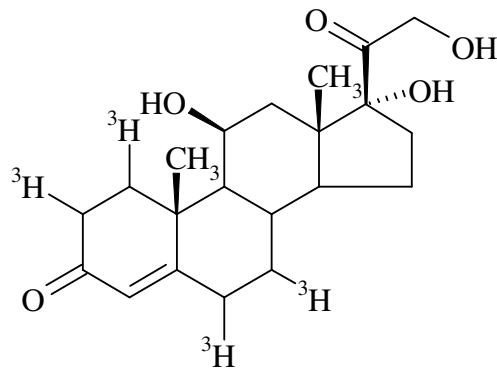
Caution: For Laboratory Use. A product for research purposes only.

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

Product Number: NET396

LOT SPECIFIC INFORMATION

Lot Number:	2077604
Specific Activity:	92.9 Ci/mmol
	3437 GBq/mmol
Production Date:	09-Oct-2015



M.W. 362
C₂₁H₃₀O₅

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

STABILITY AND STORAGE RECOMMENDATIONS: When hydrocortisone, [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 2% 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: 70-100 Ci/mmol (2590-3700 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 Zorbax ODS column using the following mobile phase:
methanol : water, (70:30).

Thin layer chromatography on silica gel using the following solvent system:
toluene : acetone, (1:1).

QUALITY CONTROL: The radiochemical purity of hydrocortisone, [1,2,6,7-³H(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.