

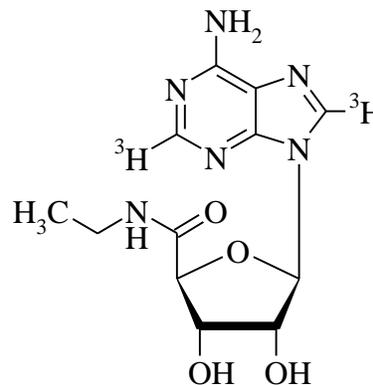
Caution: For Laboratory Use. A product for research purposes only.

ETHYLCARBOXAMIDOADENOSINE, 5'-N-[ADENINE-2,8-³H]-

Product Number: NET811

LOT SPECIFIC INFORMATION

Lot Number:	2067688
Specific Activity:	27.6 Ci/mmol
	1021 GBq/mmol
Production Date:	4-Sept-2015



M.W. 308
C₁₂H₁₆N₆O₄

PACKAGING: 1.0 mCi/ml (37 MBq/ml) in ethanol : water (7:3). Shipped in dry ice.

STABILITY AND STORAGE RECOMMENDATIONS: When ethylcarboxamidoadenosine, 5'-N-[adenine-2,8-³H]- is stored at -20°C in its original solvent and at its original concentration, the rate of decomposition is initially 1% for 12 months from date of purification. Stability is nonlinear and not correlated to isotope half-life. Lot to lot variation may occur.

SPECIFIC ACTIVITY RANGE: 15-30 Ci/mmol (555-1110 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:
water : methanol, (70:30).

Thin layer chromatography on Avicel using the following solvent system:
butanol : acetic acid : water, (25:4:10).

QUALITY CONTROL: The radiochemical purity of ethylcarboxamidoadenosine, 5'-N-[adenine2,8-³H]- is checked at appropriate intervals using the first listed chromatography method.

TRITIUM NMR: The position of label and relative distribution have been investigated by tritium NMR.

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