

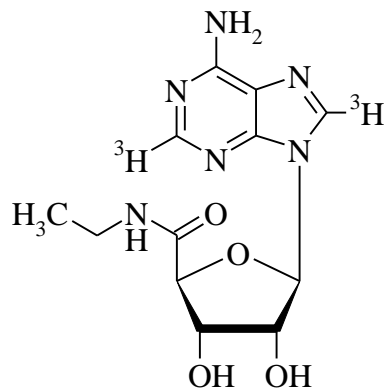
Caution: For Laboratory Use. A product for research purposes only.

# ETHYLCARBOXAMIDOADENOSINE, 5'-N-[ADENINE-2,8-<sup>3</sup>H]-

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  
C<sub>12</sub>H<sub>16</sub>N<sub>6</sub>O<sub>4</sub>

**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-<sup>3</sup>H]- 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-<sup>3</sup>H]- 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.