

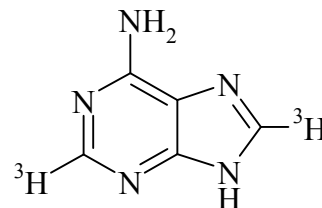
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ADENINE, [2,8-³H]-

Product Number: NET063

LOT SPECIFIC INFORMATION

Lot Number:	<u>2572152</u>
Specific Activity:	<u>41.9</u> Ci/mmol
	<u>1550</u> GBq/mmol
Production Date:	<u>4 Mar 2020</u>



M.W. 135
C₅H₅N₅

PACKAGING: 1.0 mCi/ml (37 MBq/ml) in aqueous solution, steri-packaged.

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

- Aqueous solutions of adenine, [2,8-³H]- shipped from stock are stored no longer than 3 months. A 70% ethanol solution is recommended as a solvent if the compound is to be stored longer than 3 months as the material has been found to be much more stable in this solvent.

SPECIFIC ACTIVITY RANGE: >15 Ci/mmol (555 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:
1% triethylamine acetate pH4 : acetonitrile, (9:1).

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

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