

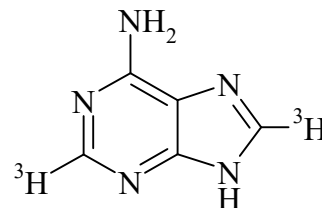
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## ADENINE, [2,8-<sup>3</sup>H]-

Product Number: NET063

### LOT SPECIFIC INFORMATION

Lot Number:	<u>2799873</u>
Specific Activity:	<u>36.7</u> Ci/mmol
	<u>1358</u> GBq/mmol
Production Date:	<u>3 Sept 2021</u>



M.W. 135  
C<sub>5</sub>H<sub>5</sub>N<sub>5</sub>

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

**STABILITY AND STORAGE RECOMMENDATIONS:** When adenine, [2,8-<sup>3</sup>H]- 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-<sup>3</sup>H]- 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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