

Research use only. Not for use in diagnostic procedures.

Proline, L-[2,3,4,5-3H]-

Product Number: NET483

LOT SPECIFIC INFORMATION

 Lot Number:
 3264892

 Specific Activity:
 93.2
 Ci/mmol

 3448.4
 GBq/mmol

Production Date: 08-Mar-2024

M.W. 115 $C_5H_9NO_2$

PACKAGING: 1 mCi/ml (37 MBg/ml) in ethanol: water, (2:98).

STABILITY AND STORAGE RECOMMENDATIONS: When proline, L-[2,3,4,5-³H]- is stored at 5°C in its original solvent and at its original concentration, the rate of decomposition is initially 2.5% for 3 months from date of purification. Stability is nonlinear and not correlated to isotope half-life. Lot to lot variation may occur.

SPECIFIC ACTIVITY RANGE: > 75 Ci/mmol (> 2775 GBq/mmol)

RADIOCHEMICAL PURITY: This product was initially found to be greater than 97% when determined by one or more of the following methods. The rate of decomposition can accelerate. It is advisable to check purity prior to use:

High pressure liquid chromatography on a SCX column using the following mobile phase: potassium phosphate, pH 3.0.

QUALITY CONTROL: The radiochemical purity of proline, L-[2,3,4,5-³H]- is checked at appropriate intervals using the listed chromatography method.

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

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