

Research use only. Not for use in diagnostic procedures.

Serine, L-[³H(G)]-

Product Number: NET248

LOT SPECIFIC INFORMATION

 Lot Number:
 3316457

 Specific Activity:
 26.8
 Ci/mmol

 991.6
 GBg/mmol

Production Date: 22-Jul-2024

HO
$$NH_2$$

M.W. 105

 $C_3H_7NO_3$

PACKAGING: 1.0 mCi/ml (37 MBq/ml) in ethanol:water (2:98), steri-packaged.

STABILITY AND STORAGE RECOMMENDATIONS: When serine L-[³H(G)]- is stored at 5°C in its original solvent and at its original concentration, the rate of decomposition is initially 1-2% 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: 15-40 Ci/mmol (555-1480 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 serine $L-[^3H(G)]$ - is checked at appropriate intervals using the above listed chromatography method.

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

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