

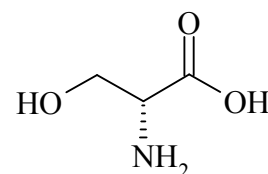
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SERINE, D-[³H(G)]-

Product Number: NET1092

LOT SPECIFIC INFORMATION

Lot Number:	2598747
Specific Activity:	15.0 Ci/mmol
	555.0 GBq/mmol
Production Date:	19 July 2019



M.W. 105
C₃H₇NO₃

PACKAGING: 1 mCi/ml (37 MBq/ml) in 2% ethanol in sterile aqueous solution.

STABILITY AND STORAGE RECOMMENDATIONS: When Serine, D-[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 the following methods. The rate of decomposition can accelerate. It is advisable to check purity prior to use:

High pressure liquid chromatography on a SCXcolumn using the following mobile phase:
Potassium Phosphate, pH 3.0

QUALITY CONTROL: The radiochemical purity of serine, D-[³H(G)]- is checked at appropriate intervals using the above HPLC system:

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