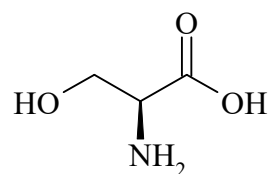


Research Use Only. Not for use in diagnostic procedures.

SERINE, L-[$^3\text{H}(\text{G})$]-**Product Number: NET248****LOT SPECIFIC INFORMATION**

Lot Number:	<u>2889152</u>
Specific Activity:	<u>25.4</u> Ci/mmol
	<u>940</u> GBq/mmol
Production Date:	<u>05-Aug-2021</u>

M.W. 105
 $\text{C}_3\text{H}_7\text{NO}_3$ **PACKAGING:** 1.0 mCi/ml (37 MBq/ml) in ethanol:water (2:98), steri-packaged.**STABILITY AND STORAGE RECOMMENDATIONS:** When serine L-[$^3\text{H}(\text{G})$]- 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-[$^3\text{H}(\text{G})$]- is checked at appropriate intervals using the abovelisted chromatography method.**HAZARD INFORMATION:** WARNING: This product contains a chemical known to the state of California to cause cancer.PerkinElmer, Inc.
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