

Research use only. Not for use in diagnostic procedures.

## Thymidine, [Methyl-3H]-

Product Number: NET027A

## LOT SPECIFIC INFORMATION

Lot Number: 202312

Production Date: 21-Nov-2023

HO 
$$C^3H_3$$
OH
M.W. 242

M.W. 242  $C_{10}H_{14}N_2O_5$ 

PACKAGING: 1 mCi/mL (37 MBq/ml) in aqueous solution, steri-packaged.

## STABILITY AND STORAGE RECOMMENDATIONS:

When Thymidine, [methyl-³H]- is stored at refrigerated temperatures (5°C), in its original solvent and at its original concentration, the rate of decomposition is initially 4-5% per month. Stability is non-linear and not correlated to isotope half-life. Lot to lot variation may occur.

SPECIFIC ACTIVITY RANGE: 2.0 Ci/mmol (74 GBq/mmol)

**RADIOCHEMICAL PURITY**: This product was initially found to be greater than 97% when determined using the following method. The rate of decomposition can accelerate.

High pressure liquid chromatography on a C18 column using the following mobile phase:

water: formic acid (conc.): acetonitrile, (95:5:0.5).

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

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