

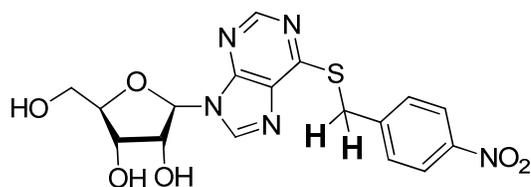
Caution: For Laboratory Use. A product for research purposes only.

NITROBENZYLTHIOINOSINE, [BENZYL-³H]-

Product Number: NET1213

LOT SPECIFIC INFORMATION

Lot Number:	2071309
Specific Activity:	38.9 Ci/mmol
	1439 GBq/mmol
Production Date:	14-Sep-2015



M.W. 419.4
C₁₇H₁₇O₅N₆S

PACKAGING: 1.0 mCi/ml (37 MBq/ml) in Ethanol : Water (70 :30), under nitrogen. Shipped in dry ice.

STABILITY AND STORAGE RECOMMENDATIONS: When a Nitrobenzylthioinosine, [Benzyl-³H]- is stored at -20°C in its original solvent and at its original concentration, the rate of decomposition is initially 3% per month from date of purification. Stability is nonlinear and not correlated to isotope half-life. Lot to lot variation may occur.

SPECIFIC ACTIVITY RANGE: 20-40 Ci/mmol (740-1480 GBq/mmol)

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

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

0.1% Trifluoroacetic acid in Water : 0.1% Trifluoroacetic acid in Acetonitrile (75:25) to (65:35), 20 minutes linear gradient

QUALITY CONTROL: The radiochemical purity of Nitrobenzylthioinosine, [Benzyl-³H]- is checked at appropriate intervals using the above chromatography method.

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