

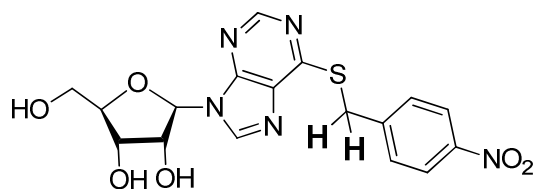
Caution: For Laboratory Use. A product for research purposes only.

## NITROBENZYLTHIOINOSINE, [BENZYL-<sup>3</sup>H]-

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  
C<sub>17</sub>H<sub>17</sub>O<sub>5</sub>N<sub>6</sub>S

**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-<sup>3</sup>H]- 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-<sup>3</sup>H]- 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.

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