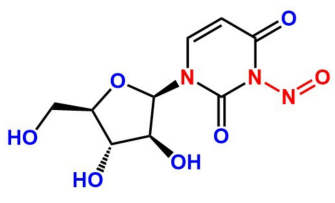


# CERTIFICATE OF ANALYSIS

Date: 27-12-2024

<b>Product Name</b>	<b>N-Nitroso Cytarabine Impurity A</b>		
<b>Chemical Name</b>	1-((2R,3S,4S,5R)-3,4-dihydroxy-5-(hydroxymethyl)tetrahydrofuran-2-yl)-3-nitrosopyrimidine-2,4(1H,3H)-dione		
<b>Structure</b>	 <p>The chemical structure shows a pyrimidine ring with a nitroso group (-N=O) at position 3 and a carbonyl group (=O) at position 2. This pyrimidine ring is attached to a tetrahydrofuran ring at position 5. The tetrahydrofuran ring has hydroxyl groups (-OH) at positions 3 and 4, and a hydroxymethyl group (-CH2OH) at position 2. The structure is drawn with stereochemistry: the hydroxyl groups at positions 3 and 4 are on wedges, and the hydroxymethyl group at position 2 is on a dash.</p>		
<b>Inv. Status</b>	-	<b>CAS No.</b>	NA
<b>Analysis Date</b>	-	<b>Retest Date</b>	-
<b>Mol. Formula</b>	C <sub>9</sub> H <sub>11</sub> N <sub>3</sub> O <sub>7</sub>	<b>Molecular Wt.</b>	273.2
<b>Long term Storage Condition</b>	Store at 2-8 °C in well closed container		
<b>Handling and Transit Condition</b>	25-30 °C in well closed container		

Test	Result
Appearance	-
Solubility	-
<sup>1</sup> H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%
<b>Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.</b>	

	Prepared By	Checked By	Approved By
<b>Signature</b>			
<b>Date</b>			

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