



## CERTIFICATE OF ANALYSIS

Date: 19-02-2026

Product Name	<b>N-Nitroso Folinic Acid Impurity 3</b>		
Chemical Name	(4-(((R)-5-methyl-2-(methylamino)-4-oxo-1,4,5,6,7,8-hexahydropteridin-6-yl)methyl)(nitroso)amino)benzoyl)-L-glutamic acid		
Structure	<p>The chemical structure is a complex organic molecule. It features a pteridine ring system with a nitroso group (N=O) at position 4. Attached to the 6-position is a methyl group (CH3) and an amino group (-NH2). A benzoyl group (-C(=O)CH3) is attached to the 7-position. A carboxylic acid group (-COOH) is attached to the 8-position. A side chain is attached to the 2-position, consisting of a methylene group (-CH2-) and an L-glutamic acid residue (-CH(NH2)CH2COOH).</p>		
Batch No.	-	CAS No.	NA
Analysis Date	10	Retest Date	5
Mol. Formula	C <sub>21</sub> H <sub>26</sub> N <sub>8</sub> O <sub>7</sub>	Molecular Wt.	502.49
Long term Storage Condition	Store at 2-8 °C in well closed container		
Handling and Transit Condition	25-30 °C in well closed container		

Test	Result
Appearance	-
Solubility	-
1H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%

**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.**

	Prepared By	Checked By	Approved By
Signature			
Date			

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