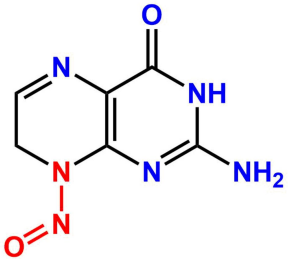


CERTIFICATE OF ANALYSIS

Date: 27-12-2024

Product Name	N-Nitroso Sapropterin Impurity 38		
Chemical Name	2-amino-8-nitroso-7,8-dihydropteridin-4(3H)-one		
Structure	 <p>The chemical structure shows a pteridine ring system. It consists of a six-membered ring fused to a five-membered ring. The six-membered ring has a nitrogen atom at the top position and a nitroso group (-NO) at the 8-position. The five-membered ring has a carbonyl group (=O) at the 4-position, a nitrogen atom at the 7-position, and an amino group (-NH₂) at the 2-position. The nitroso group is highlighted in red, and the amino group is highlighted in blue.</p>		
Inv. Status	-	CAS No.	NA
Analysis Date	-	Retest Date	-
Mol. Formula	C ₆ H ₆ N ₆ O ₂	Molecular Wt.	302.29
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	-
¹ H-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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