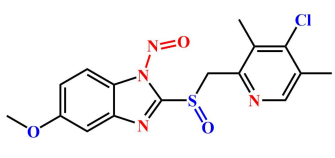


CERTIFICATE OF ANALYSIS

Date: 27-12-2024

Product Name	N-Nitroso Omeprazole impurity 9		
Chemical Name	2-(((4-chloro-3,5-dimethylpyridin-2-yl)methyl)sulfinyl)-5-methoxy-1-nitroso-1H-benzo[d]imidazole		
Structure	 <p>The chemical structure shows a 5-methoxy-1-nitroso-1H-benzimidazole ring system connected via a sulfinyl group (-S(=O)-) to a 2-((4-chloro-3,5-dimethylpyridin-2-yl)methyl) group. The nitroso group is shown in red, the sulfinyl group in blue, and the pyridine ring in green with a chlorine atom and two methyl groups.</p>		
Inv. Status	-	CAS No.	NA
Analysis Date	-	Retest Date	-
Mol. Formula	C ₁₆ H ₁₅ ClN ₄ O ₃ S	Molecular Wt.	378.83
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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