



CERTIFICATE OF ANALYSIS



Date: 15-01-2026

Product Name	N-Nitroso Dabigatran Impurity 52		
Chemical Name	N-(3-amino-3-oxopropyl)-2-(((4-carbamimidoylphenyl)(nitroso)amino)methyl)-1-methyl-N-(pyridin-2-yl)-1H-benzo[d]imidazole-5-carboxamide		
Structure	<p>The chemical structure is a complex organic molecule. It features a central imidazole ring fused with a pyridine ring. Attached to the imidazole ring is a 4-nitrophenyl group, a 3-amino-3-oxopropyl group, and a 1-methyl-2-pyridylmethyl group. Attached to the pyridine ring is a carbamimidoyl group (a carbonyl group bonded to an amino group).</p>		
Batch No.	-	CAS No.	NA
Analysis Date	49	Retest Date	5
Mol. Formula	C ₂₅ H ₂₅ N ₉ O ₃	Molecular Wt.	499.524
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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