



CERTIFICATE OF ANALYSIS



Date: 15-01-2026

Product Name	N-Nitroso Dabigatran Impurity 56		
Chemical Name	ethyl 3-(1-methyl-2-((nitroso(4-(N-((octyloxy)carbonyl)carbamimidoyl)phenyl)amino)methyl)-N-(pyridin-2-yl)-1H-benzo[d]imidazole-5-carboxamido)propanoate		
Structure	<p>The chemical structure shows a complex molecule with a central imidazole ring. It features a 1-methyl-2-((nitroso(4-(N-((octyloxy)carbonyl)carbamimidoyl)phenyl)amino)methyl) group attached to the imidazole ring. The molecule also contains a pyridin-2-yl group and a 1H-benzo[d]imidazole-5-carboxamido group. The structure is highly substituted with various functional groups including nitroso, carbonyl, and amide groups.</p>		
Batch No.	-	CAS No.	NA
Analysis Date	53	Retest Date	5
Mol. Formula	C ₃₆ H ₄₄ N ₈ O ₆	Molecular Wt.	684.785
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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