

CERTIFICATE OF ANALYSIS

Date: 15-01-2026

Product Name	N-Nitroso Dabigatran Impurity 50		
Chemical Name	ethyl 3-(((4-(N-(butoxycarbonyl)carbamimidoyl)phenyl)(nitroso)amino)methyl)-1-methyl-N-(pyridin-2-yl)-1H-benzo[d]imidazole-5-carboxamido)propanoate		
Structure	<p>The chemical structure shows a complex molecule with a central pyridine ring substituted with a methyl group (Me) and a 1H-benzo[d]imidazole-5-carboxamido group. This group consists of a benzene ring fused with an imidazole ring, which is further substituted with a carboxamido group (-CONH2) and a methyl group (-Me). The molecule also features a phenyl ring substituted with a nitroso group (-NO2) and an amino group (-NH2), which is further substituted with a butoxycarbonyl group (-Boc-NH-).</p>		
Batch No.	-	CAS No.	NA
Analysis Date	47	Retest Date	5
Mol. Formula	C ₃₂ H ₃₆ N ₈ O ₆	Molecular Wt.	628.678
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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