

**fssai**

CERTIFICATE OF ANALYSIS



Date: 15-01-2026

Product Name	N-Nitroso Dabigatran Impurity 45		
Chemical Name	ethyl 3-(1-methyl-2-((nitroso(4-((N-((pentyloxy)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 pyridine ring substituted with a 1H-benzo[d]imidazole-5-carboxamido group. This group is further substituted with a 1-methyl-2-((nitroso(4-((N-((pentyloxy)carbonyl)carbamimidoyl)phenyl)amino)methyl) group.</p>		
Batch No.	-	CAS No.	NA
Analysis Date	42	Retest Date	5
Mol. Formula	C ₃₃ H ₃₈ N ₈ O ₆	Molecular Wt.	642.705
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			

CLEANCHEM LABORATORIES LLP

Plot No. A-737/2, TTC Industrial Area, MIDC Khairane, Navi Mumbai, Maharashtra, INDIA- 400710

sales@cleanchemlab.com +91-9324132198 www.cleanchemlab.com