

**fssai**

CERTIFICATE OF ANALYSIS



Date: 15-01-2026

Product Name	Dabigatran Impurity 25		
Chemical Name	2-(((4-Carboxyphenyl)amino)methyl)-1-methyl-1H-benzo[d]imidazole-5-carboxylic acid		
Structure	<p>The chemical structure shows a 1-methyl-1H-benzo[d]imidazole-5-carboxylic acid core. It features a benzene ring fused with an imidazole ring. The imidazole ring has a methyl group (CH₃) at position 1 and a carboxylic acid group (-COOH) at position 5. A methylene group (-CH₂-) is attached to the nitrogen atom of the imidazole ring. This methylene group is part of a larger chain that includes a primary amine group (-NH-) and a para-substituted phenyl ring. The para-substituted phenyl ring has a carboxylic acid group (-COOH) at the 4-position.</p>		
Batch No.	-	CAS No.	NA
Analysis Date	-	Retest Date	5
Mol. Formula	C ₁₇ H ₁₅ N ₃ O ₄	Molecular Wt.	325.3
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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