



CERTIFICATE OF ANALYSIS



Date: 15-01-2026

Product Name	Dabigatran Impurity 11		
Chemical Name	(Z)-2-(((4-(N'-(Hexyloxy)carbonyl)carbamimidoyl)phenyl)amino)methyl)-1-methyl-1H-benzo[d]imidazole-5-carboxylic acid		
Structure	<p>The chemical structure shows a complex molecule. It features a central benzene ring substituted with a carbamimidoyl group (-NH-C(=O)-NH-C(=O)-NH-) and a phenyl group. This central ring is further substituted with a hexyloxy group (-O-C(=O)-CH2-CH2-CH2-CH2-CH2-CH2-) and an amino group (-NH2). A methyl group is attached to the nitrogen of the carbamimidoyl group. A 1-methyl-1H-benzo[d]imidazole-5-carboxylic acid side chain is attached to the central ring.</p>		
Batch No.	-	CAS No.	1848337-06-3
Analysis Date	-	Retest Date	5
Mol. Formula	C ₂₄ H ₂₉ N ₅ O ₄	Molecular Wt.	451.5
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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