

## CERTIFICATE OF ANALYSIS

Date: 15-01-2026

Product Name	Dabigatran $\beta$ -Acyl Glucuronide		
Chemical Name	(2S,3S,4S,5R,6S)-6-((3-(2-(((4-Carbamimidoylphenyl)amino)methyl)-1-methyl-N-(pyridin-2-yl)-1H-benzo[d]imidazole-5-carboxamido)propanoyl)oxy)-3,4,5-trihydroxytetrahydro-2H-pyran-2-carboxylic acid		
Structure	<p>The chemical structure of Dabigatran <math>\beta</math>-Acyl Glucuronide is a complex molecule. It features a central pyranose ring (D-glucuronide) with a carbonyl group at the 2-position. Attached to the 3-position is a 1,2-dihydro-2H-pyran-2-carboxylic acid side chain. The 4-position of the pyranose ring is substituted with a 1-methyl-3-(4-carbamimidoylphenyl)amino group. The 5-position is substituted with a 1H-benzo[d]imidazole-5-carboxamido group. The 6-position is substituted with a propanoyl group.</p>		
Batch No.	-	CAS No.	1015167-40-4
Analysis Date	-	Retest Date	-
Mol. Formula	C <sub>31</sub> H <sub>33</sub> N <sub>3</sub> O <sub>9</sub>	Molecular Wt.	647.6
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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