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CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2023

Re-test Date: Feb 2025

Product Name: Amlodipine N-Lactoside impurity

Identification:

Chemical Name: 2-[[2-[(4-O-beta-D-Galactopyranosyl-D-glucopyranosyl)amino]ethoxy]methyl]-4-(2-chlorophenyl)-1,4-dihydro-6-methyl-3,5-pyridinedicarboxylic Acid 3-Ethyl 5-Methyl Ester

Synonyms : Amlodipine Lactose Adduct
(Mixture of Diastereomers)

CAS Number : 2173291-00-2

CAT Number : CP-A5015

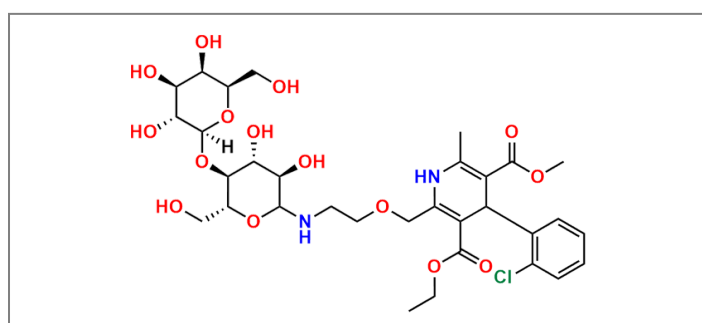
Molecular Formula : C₃₂H₄₅ClN₂O₁₅

Molecular Weight : 733.16

Batch Number : CHEM-AML-NL

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Off White Highly Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	92.36%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.504%
8)	Potency by TGA	91.85%



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.