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CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2025

Re-test Date: May 2027

Product Name: Amlodipine N-Lactoside impurity

Identification:

Chemical Name: 3-ethyl 5-methyl 4-(2-chlorophenyl)-2-((2-(((3R,4R,5S,6R)-3,4-dihydroxy-6-(hydroxymethyl)-5-(((2S,3R,4S,5R,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)tetrahydro-2H-pyran-2-yl)oxy)tetrahydro-2H-pyran-2-yl)amino)ethoxy)methyl)-6-methyl-1,4-dihydropyridine-3,5-dicarboxylate

Synonyms : Amlodipine Lactose Adduct
(Mixture of Diastereomers)

CAS Number : 2173291-00-2

CAT Number : CP-A5015

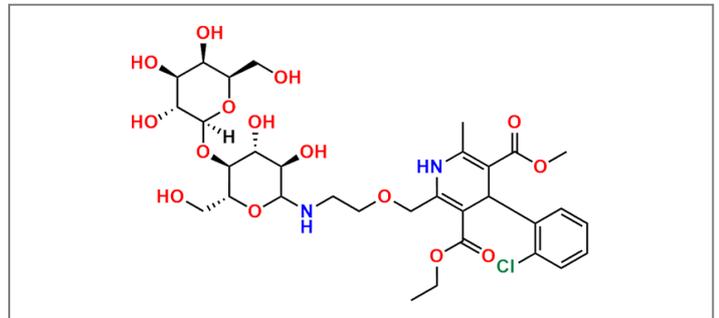
Molecular Formula : C32H45ClN2O15

Molecular Weight : 733.16

Batch Number : CHEM-AML-NL

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



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	99.47%
5)	¹ HNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

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