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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2025

Re-test Date: Dec 2027

Product Name: Amlodipine EP Impurity D

Identification:

Chemical Name: 3-Ethyl 5-methyl 2-[(2-aminoethoxy)methyl]-4-(2-chlorophenyl)-6-methylpyridine-3,5-dicarboxylate (as per EP & USP)

Synonyms : Amlodipine USP Related
Compound A

CAS Number : 113994-41-5

CAT Number : CP-A5004

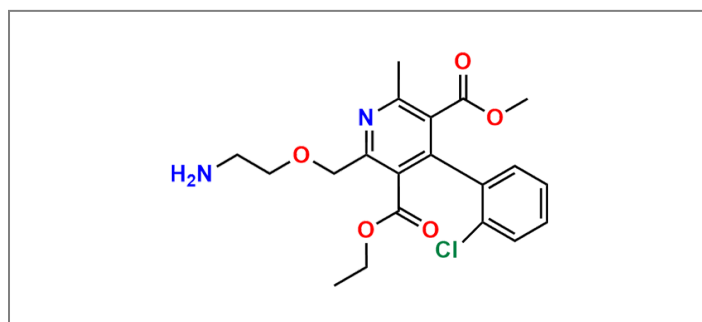
Molecular Formula : C₂₀H₂₃ClN₂O₅

Molecular Weight : 406.86

Batch Number : CP-AMI-D-0125

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)	Solubility	Soluble in Methanol/DMSO
2)	MASS By LCMS	Confirm to Structure
3)	Purity by HPLC	95.57%
4)	H1NMR	Confirm to Structure
5)	IR	Confirm to Structure
6)	Weight loss by TGA	0.682%
7)	Potency by TGA	94.92%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

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