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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2025

Re-test Date: Dec 2027

Product Name: Amlodipine EP impurity A

Identification:

Chemical Name: 3-Ethyl 5-methyl (4RS)-4-(2-chlorophenyl)-2-[[2-(1,3-dioxo-1,3-dihydro-2H-isoindol-2-yl)ethoxy]methyl]-6-methyl-1,4-dihydropyridine-3,5-dicarboxylate (as per EP)

Synonyms : Amlodipine USP Related
Compound D ; Phthaloyl
Amlodipine

CAS Number : 88150-62-3

CAT Number : CP-A5001

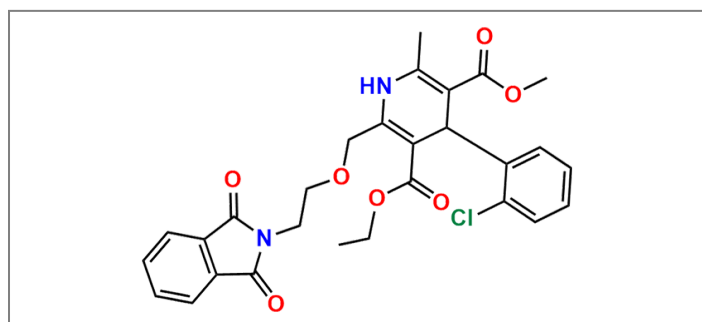
Molecular Formula : C₂₈H₂₇ClN₂O₇

Molecular Weight : 538.98

Batch Number : CP-AML-A-1023

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 | Pale Yellow Solid |
| 2) | Solubility | Soluble in Methanol/DMSO |
| 3) | MASS By LCMS | Confirm to structure |
| 4) | Purity By HPLC | 99.82% |
| 5) | H1NMR | Confirm to structure |
| 6) | 13CNMR | Confirm to Structure |
| 7) | IR | Confirm to Structure |



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.