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CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2025

Re-test Date: Jan 2028

Product Name: Amlodipine EP Impurity H

Identification:

Chemical Name: 2-[[2-[[[(4RS)-4-(2-chlorophenyl)-3-(ethoxycarbonyl)-5-(methoxycarbonyl)-6-methyl-1,4-dihydropyridin-2-yl]methoxy]ethyl]carbamoyl]benzoic acid (as per EP)

Synonyms : 2-Carboxybenzoyl Amlodipine

CAS Number : 318465-73-5

CAT Number : CP-A5010

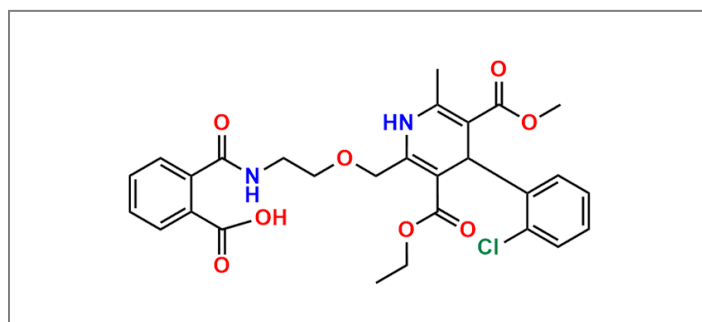
Molecular Formula : C₂₈H₂₉ClN₂O₈

Molecular Weight : 556.99

Batch Number : CP-AML-H-0225

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 | White to Off White Solid |
| 2) | Solubility | Soluble in Methanol/DMSO |
| 3) | MASS By LCMS | Confirm to structure |
| 4) | Purity By HPLC | 90.05 % |
| 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.