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CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2025

Re-test Date: Sep 2028

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

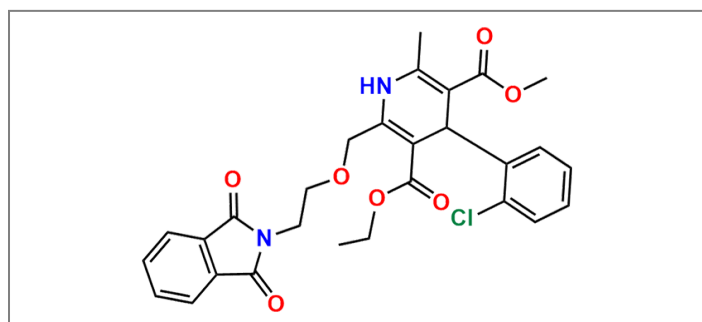
Molecular Formula : C₂₈H₂₇ClN₂O₇

Molecular Weight : 538.98

Batch Number : CP-33-81

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	Light orange solid
2)	Solubility	Solubility in MeOH/DMSO
3)	MASS By LCMS	Confirm to Structure by mass
4)	Purity by HPLC	96.37%
5)	¹ HNMR	Confirm to Structure



Prepared and Reviewed By


Mr. Shubham Bondre
(Quality Control)

Approved By


Mr. Abhijit Kale
(Quality Assurance)

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