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## CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2025

Re-test Date: Dec 2027

**Product Name: Amlodipine EP Impurity F**

### Identification:

Chemical Name: Dimethyl (4RS)-2-[(2-aminoethoxy)methyl]-4-(2-chlorophenyl)-6-methyl-1,4-dihydropyridine-3,5-dicarboxylate (as per EP)

Synonyms : Amlodipine USP Related  
Compound F ; Amlodipine  
Methyl Analog (USP) ;  
Amlodipine Dimethyl Ester

CAS Number : 140171-66-0

CAT Number : CP-A5006

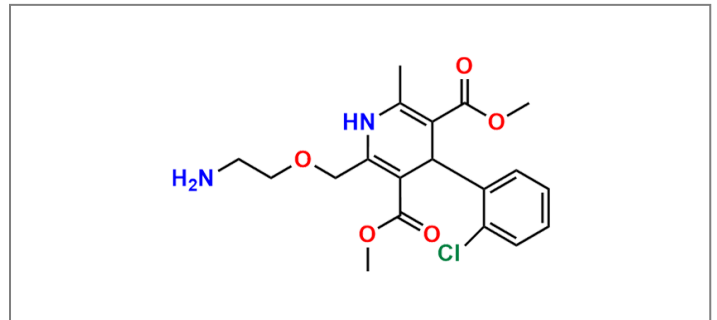
Molecular Formula : C<sub>19</sub>H<sub>23</sub>ClN<sub>2</sub>O<sub>5</sub>

Molecular Weight : 394.85

Batch Number : CP-AML-F-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	92.05%
4)	H1NMR	Confirm to structure
5)	13CNMR	Confirm to structure
6)	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.