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## CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2024

Re-test Date: Nov 2026

**Product Name: Nicardipine EP Impurity A**

### Identification:

Chemical Name: 2-[Benzyl(methyl)amino]ethyl methyl 2,6-dimethyl-4-(3-nitrophenyl)pyridine-3,5-dicarboxylate Hydrochloride (as per EP)

Synonyms : Nicardipine USP Related  
Compound B ; Nicardipine  
Pyridine Analog (USP)

CAS Number : 1216817-27-4

CAT Number : CP-N7006

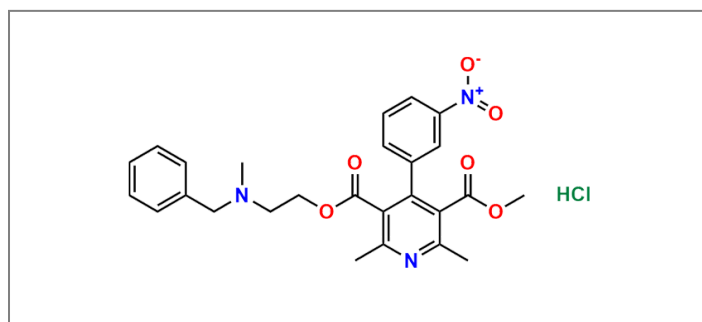
Molecular Formula : C<sub>26</sub>H<sub>27</sub>N<sub>3</sub>O<sub>6</sub> : HCl

Molecular Weight : 477.5 : 36.5

Batch Number : CP-NIC-A-1124

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	Off white to Light Brown Solid
2)	Solubility	DMSO/MeOH
3)	MASS By LCMS	Confirm to Structure
4)	97.26%	97.26%
5)	<sup>1</sup> HNMR	Confirm to Structure
6)	Weight loss by TGA	1.983%
7)	Potency by TGA	95.27%



**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.