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## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2025

Re-test Date: May 2028

**Product Name: Nicardipine EP Impurity B**

### Identification:

Chemical Name: Bis[2-[benzyl(methyl)amino]ethyl] 2,6-dimethyl-4-(3-nitrophenyl)-1,4-dihydropyridine-3,5-dicarboxylate Dihydrochloride (as per EP & USP)

Synonyms : Nicardipine USP Related  
Compound D ; Nicardipine Bis  
analog

CAS Number : 71784-27-5

CAT Number : CP-N7002

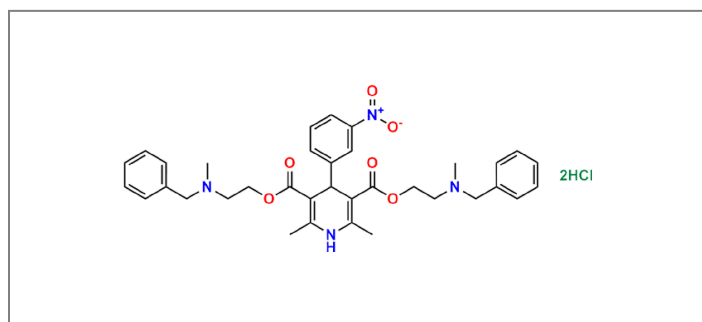
Molecular Formula : C<sub>35</sub>H<sub>40</sub>N<sub>4</sub>O<sub>6</sub> : 2(HCl)

Molecular Weight : 612.7 : 2(36.46)

Batch Number : CP-NIC-B-0525

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	Yellow Solid
2)	Solubility	Soluble in Methanol /DMSO
3)	Mass Spectrometry	Confirm to structure
4)	Purity by HPLC	97.99%
5)	<sup>1</sup> 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.