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CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2024

Re-test Date: Jul 2027

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

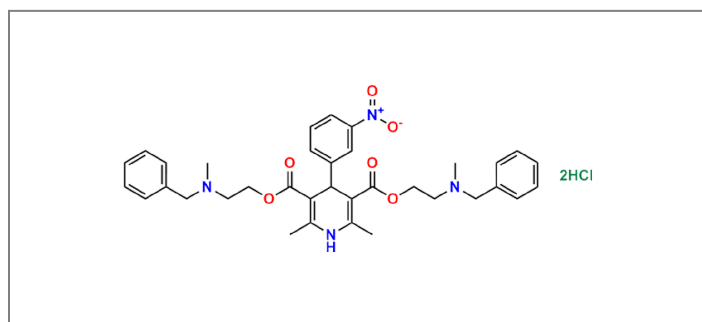
Molecular Formula : C₃₅H₄₀N₄O₆ : 2(HCl)

Molecular Weight : 612.7 : 2(36.46)

Batch Number : CP-NIC-B-0824

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 By LCMS	Confirm to structure
4)	Purity By HPLC	99.45%
5)	H1NMR	Confirm to structure
6)	13CNMR	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.