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CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2026

Re-test Date: May 2029

Product Name: Verapamil EP Impurity A

Identification:

Chemical Name: N1,N3-Bis(3,4-dimethoxyphenethyl)-N1,N3-dimethylpropane-1,3-diamine

Synonyms : NA

CAS Number : 141991-88-0

CAT Number : CP-V10001

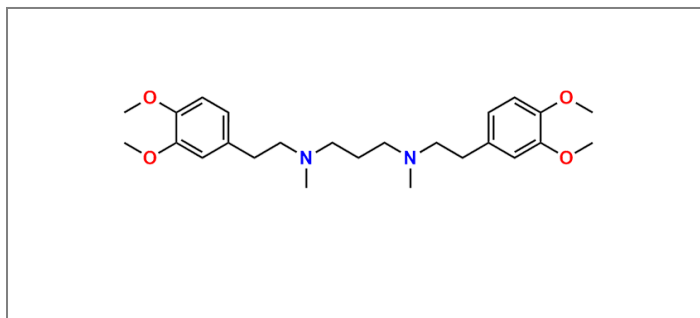
Molecular Formula : C25H38N2O4

Molecular Weight : 430.59

Batch Number : CP-47-14

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	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to structure
4)	Purity By HPLC	98.74%
5)	¹ HNMR	Confirm to structure
6)	¹³ CNMR	Confirm to Structure
7)	FT-IR	Confirm to Structure
8)	Weight loss by TGA	3.614 %
9)	Potency	95.17%

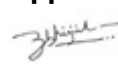


Prepared and Reviewed By



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.