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## CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2024

Re-test Date: Mar 2027

**Product Name: Verapamil EP Impurity J**

### Identification:

Chemical Name: (2RS)-2-(3,4-Dimethoxyphenyl)-5-[[2-(3,4-dimethoxy-phenyl)ethyl]amino]-2-(propan-2-yl)pentanenitrile (as per EP)

Synonyms : Nor verapamil

CAS Number : 67018-85-3

CAT Number : CP-V10010

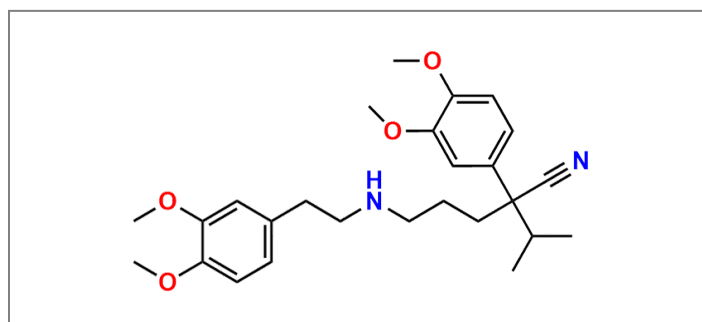
Molecular Formula : C<sub>26</sub>H<sub>36</sub>N<sub>2</sub>O<sub>4</sub>

Molecular Weight : 440.58

Batch Number : CP-VER-J-0424

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	Brown Liquid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to structure
4)	Purity By HPLC	95.62%
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.