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### CERTIFICATE OF ANALYSIS

Analysis Date:

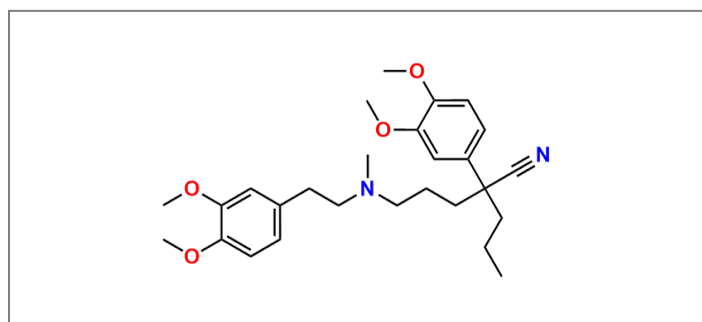
Re-test Date:

**Product Name: Verapamil EP Impurity O**

#### Identification:

Chemical Name: (2RS)-2-(3,4-dimethoxyphenyl)-5-[[2-(3,4-dimethoxy-phenyl)ethyl] (methyl)amino]- 2-propylpentanenitrile

Synonyms : NA  
CAS Number : 959011-16-6  
CAT Number : CP-V10015  
Molecular Formula : C<sub>27</sub>H<sub>38</sub>N<sub>2</sub>O<sub>4</sub>  
Molecular Weight : 454.61



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 By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
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.