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## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2026

Re-test Date: May 2029

**Product Name: Verapamil EP Impurity D**

### Identification:

Chemical Name: 3-chloro-N-(3,4-dimethoxyphenethyl)-N-methylpropan-1-amine

Synonyms : NA

CAS Number : 36770-74-8

CAT Number : CP-V10004

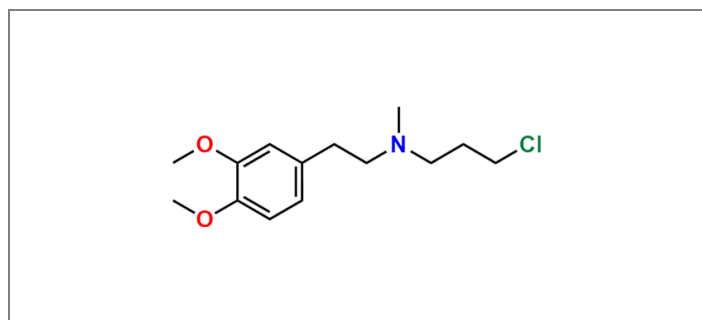
Molecular Formula : C<sub>14</sub>H<sub>22</sub>ClNO<sub>2</sub>

Molecular Weight : 271.78

Batch Number : CP-31-203

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	Green liquid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to Structure
4)	Purity by HPLC	96.11%
5)	<sup>1</sup> H NMR	Confirm to Structure
6)	FT-IR	Confirm to Structure
7)	Weight loss by TGA	-
8)	Potency	-

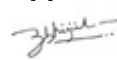


### Prepared and Reviewed By



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.