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## CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2022

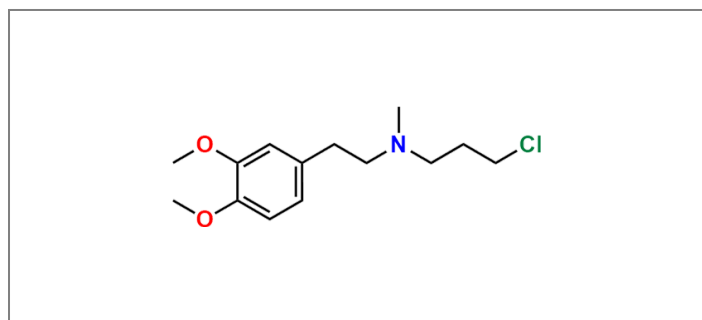
Re-test Date: Jan 2025

**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 : CHEM-VER-D



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 By LCMS	Confirm to structure
4)	Purity By HPLC	96.01%
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.