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## CERTIFICATE OF ANALYSIS

Analysis Date:

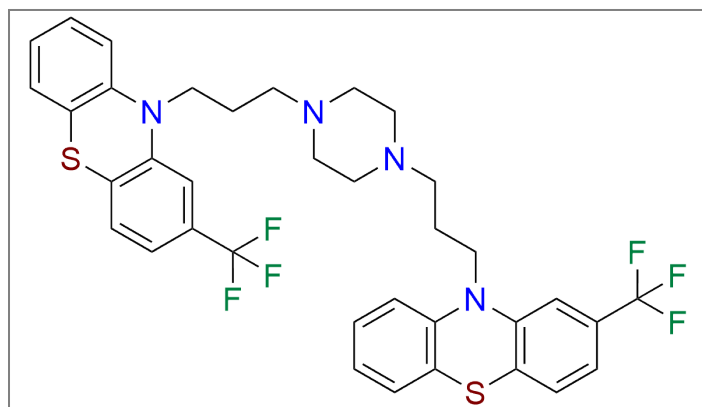
Re-test Date:

**Product Name: Fluphenazine HCl EP impurity D**

**Identification:**

Chemical Name: 2-[4-[3-[2-(Trifluoromethyl)phenothiazin-10-yl]propyl]piperazin-1-yl]ethyl octanoate

Synonyms : Fluphenazine Impurity D (EP)  
CAS Number : 2376-89-8  
CAT Number : CP-F33004  
Molecular Formula : C<sub>36</sub>H<sub>34</sub>F<sub>6</sub>N<sub>4</sub>S<sub>2</sub>  
Molecular Weight : 700.81



**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)	H1NMR	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.