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## CERTIFICATE OF ANALYSIS

Analysis Date:

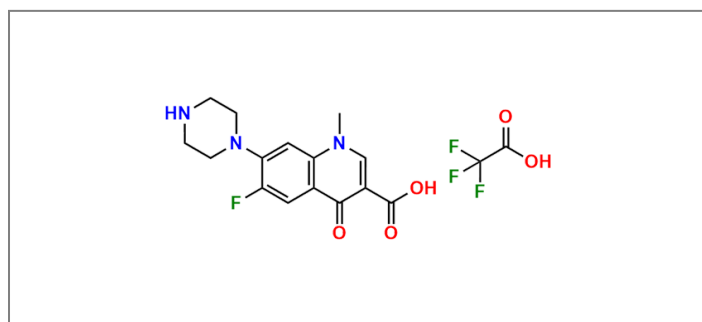
Re-test Date:

**Product Name: Norfloxacin EP Impurity K (TFA salt)**

### Identification:

Chemical Name: 2,2,2-trifluoroacetic acid compound with 6-fluoro-1-methyl-4-oxo-7-(piperazin-1-yl)-1,4-dihydroquinoline-3-carboxylic acid (1:1)

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-N44037  
Molecular Formula : C<sub>15</sub>H<sub>16</sub>FN<sub>3</sub>O<sub>3</sub> : C<sub>2</sub>H<sub>2</sub>F<sub>3</sub>O<sub>2</sub>  
Molecular Weight : 305.3 : 114.0



### 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**

Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**

Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.