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### CERTIFICATE OF ANALYSIS

Analysis Date:

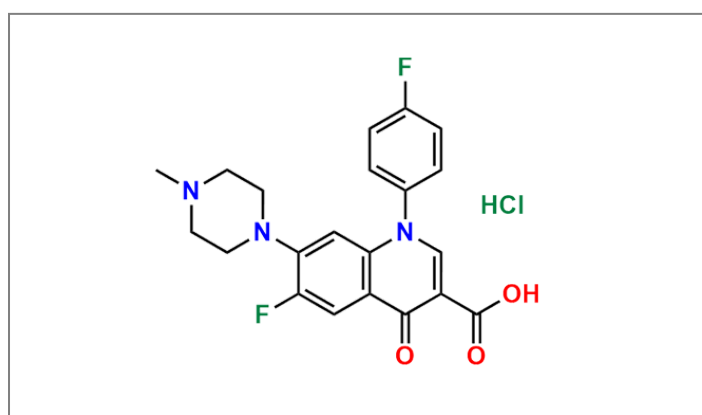
Re-test Date:

**Product Name: Difloxacin Hydrochloride (In House Standard)**

#### Identification:

Chemical Name: 6-Fluoro-1-(4-fluorophenyl)-7-(4-methylpiperazin-1-yl)-4-oxo-1,4-dihydroquinoline-3-carboxylic acid hydrochloride

Synonyms : NA  
CAS Number : 91296-86-5  
CAT Number : CP-D121000  
Molecular Formula : C<sub>21</sub>H<sub>19</sub>F<sub>2</sub>N<sub>3</sub>O<sub>3</sub> : HCl  
Molecular Weight : 399.4 : 36.46



#### 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	>98%
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.