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## CERTIFICATE OF ANALYSIS

Analysis Date:

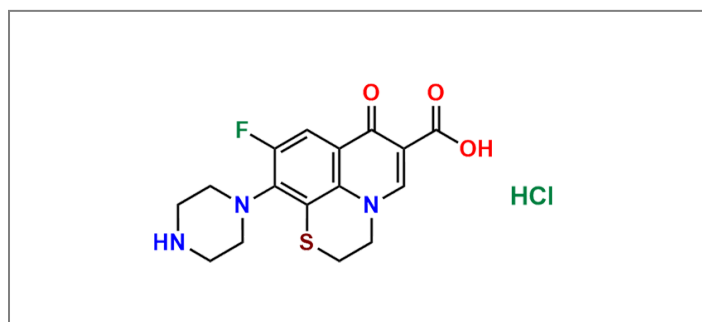
Re-test Date:

**Product Name: Rufloxacin Impurity 2**

### Identification:

Chemical Name: 9-fluoro-7-oxo-10-(piperazin-1-yl)-2,3-dihydro-7H-[1,4]thiazino[2,3,4-ij]quinoline-6-carboxylic acid hydrochloride

Synonyms : NA  
CAS Number : 102052-48-2  
CAT Number : CP-R111002  
Molecular Formula : C<sub>16</sub>H<sub>16</sub>FN<sub>3</sub>O<sub>3</sub>S : HCl  
Molecular Weight : 349.38 : 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	>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.