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## CERTIFICATE OF ANALYSIS

Analysis Date:

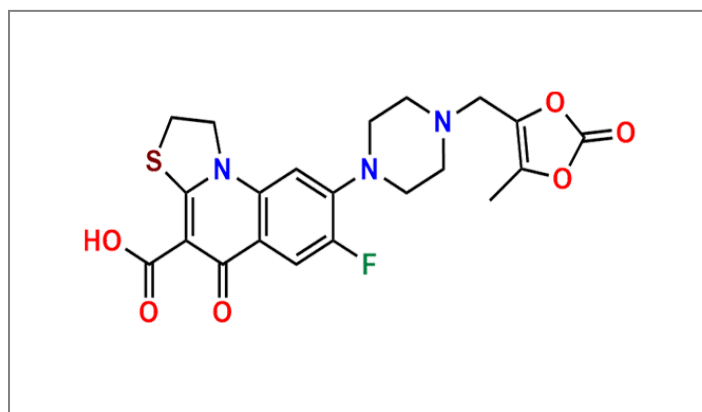
Re-test Date:

**Product Name: Prulifloxacin Impurity 4**

### Identification:

Chemical Name: 7-fluoro-8-(4-((5-methyl-2-oxo-1,3-dioxol-4-yl)methyl)piperazin-1-yl)-5-oxo-1,2-dihydro-5H-thiazolo[3,2-a]quinoline-4-carboxylic acid

Synonyms : NA  
CAS Number : 187741-43-1  
CAT Number : CP-P202004  
Molecular Formula : C<sub>21</sub>H<sub>20</sub>FN<sub>3</sub>O<sub>6</sub>S  
Molecular Weight : 461.46



### 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.