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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Norfloxacin EP Impurity D**

### Identification:

Chemical Name: 1-Ethyl-6-fluoro-7-(piperazin-1-yl)quinolin-4(1H)-one

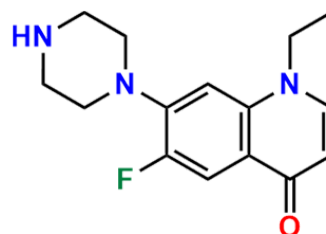
Synonyms : Norfloxacin Descarboxy Impurity

CAS Number : 75001-82-0

CAT Number : CP-N44004

Molecular Formula : C<sub>15</sub>H<sub>18</sub>FN<sub>3</sub>O

Molecular Weight : 275.33



### 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.