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## CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2023

Re-test Date: Jul 2026

**Product Name: Moxifloxacin EP Impurity G**

### Identification:

Chemical Name: 1-cyclopropyl-6-fluoro-8-methoxy-7-[(4aR,7aR)-octahydro-6H-pyrrolo[3,4-b]pyridin-6-yl]-4-oxo-1,4-dihydroquinoline-3-carboxylic acid

Synonyms : Moxifloxacin USP Related  
Compound G ; RR isomer ;  
enantiomer ; d-Moxifloxacin

CAS Number : 268545-13-7

CAT Number : CP-M26007

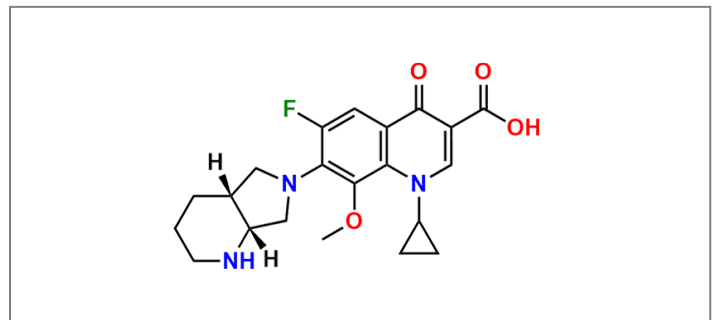
Molecular Formula : C<sub>21</sub>H<sub>24</sub>FN<sub>3</sub>O<sub>4</sub>

Molecular Weight : 401.44

Batch Number : CHEM-MOX-RR

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.84%
5)	H1NMR	Confirm to structure
6)	13CNMR	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.