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## CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2023

Re-test Date: Aug 2026

**Product Name: Moxifloxacin Difluoro Methoxy Acid Impurity**

### Identification:

Chemical Name: 1-Cyclopropyl-6,7-difluoro-1,4-dihydro-8-methoxy-4-oxo-3-quinoline carboxylic acid

Synonyms : NA

CAS Number : 112811-72-0

CAT Number : CP-M26047

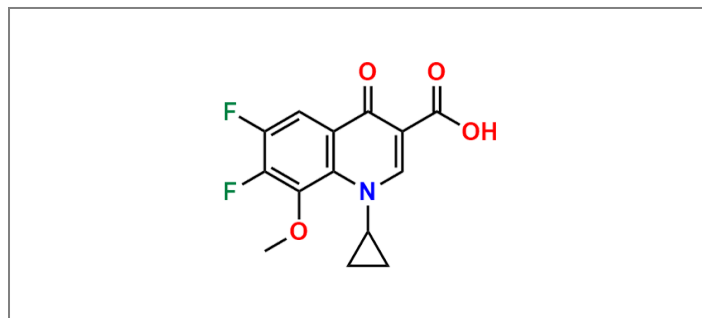
Molecular Formula : C<sub>14</sub>H<sub>11</sub>F<sub>2</sub>NO<sub>4</sub>

Molecular Weight : 295.24

Batch Number : CP-GAT-DFM-0923

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	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.89%
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.