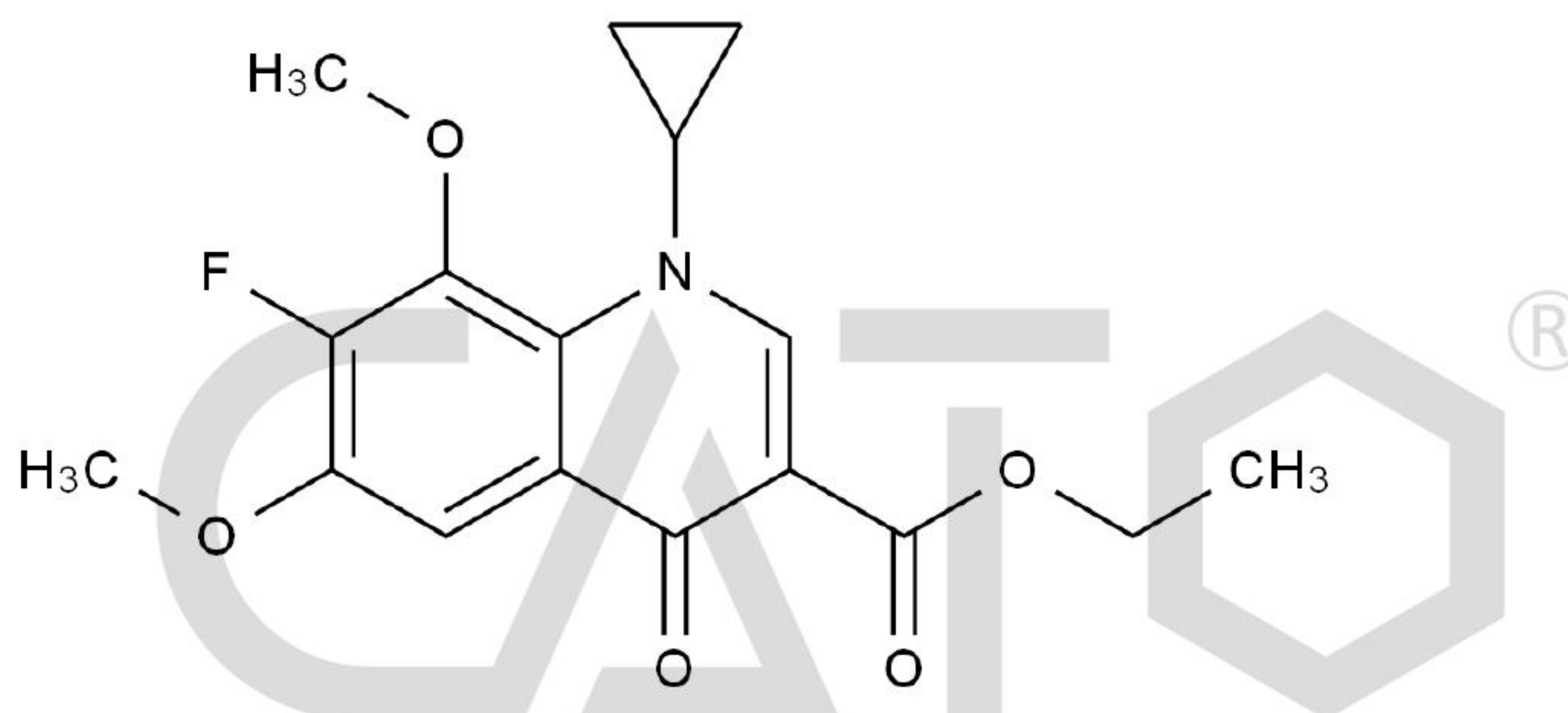


Certificate of Analysis

Reference Material & Standard

Product Name:	Moxifloxacin impurity 9	Catalogue Number:	C4X-10749
Synonyms:	N/A	Lot Number:	1117-RG-0171
CAS Number:	2489671-14-7	Expiry Date:	Nov 19, 2029
Molecular Formula:	C ₁₇ H ₁₈ FNO ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	335.33	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.478%
Loss On Drying	TGA	0.2841%
Assay		99.2%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Nov 20, 2025

Date: Nov 20, 2025

Date: Nov 20, 2025



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