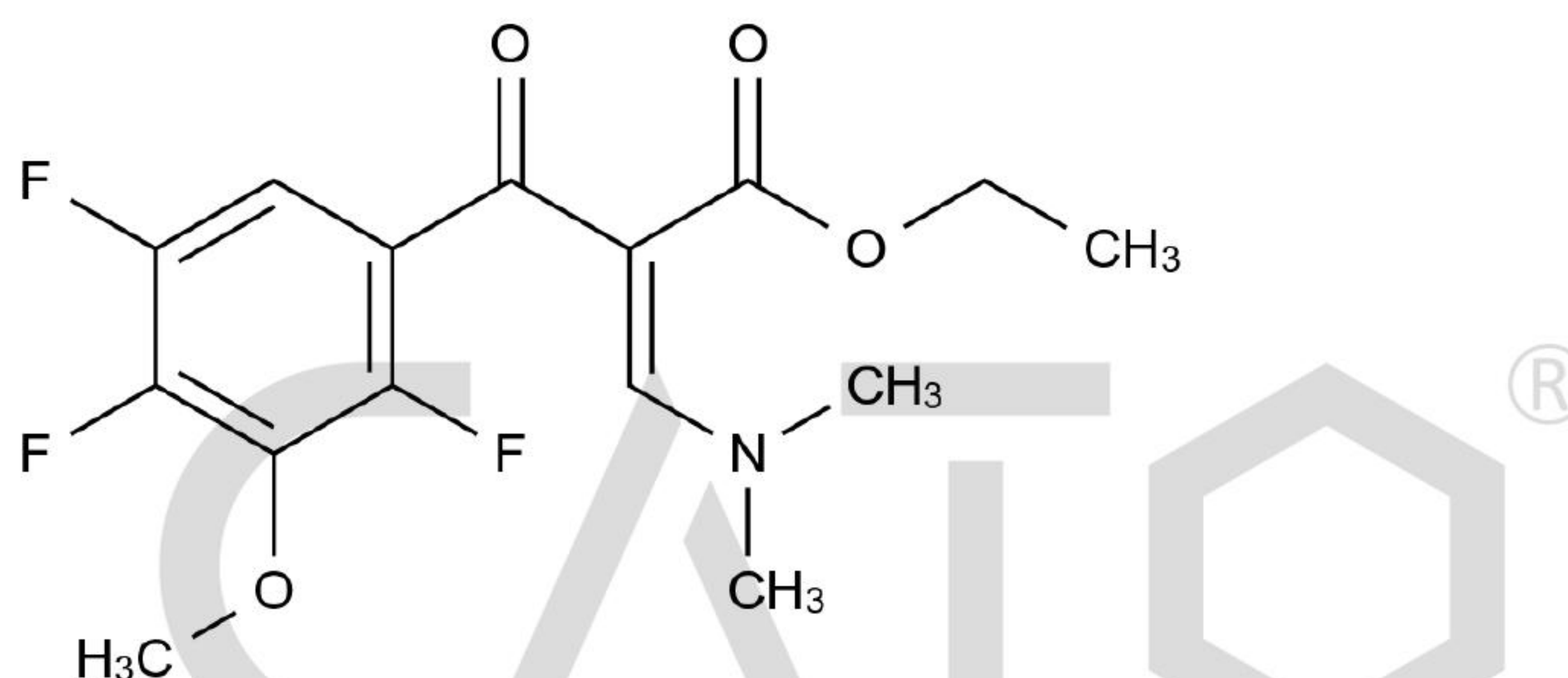


Certificate of Analysis

Reference Material & Standard

Product Name:	Moxifloxacin impurity 181	Catalogue Number:	C4X-1074181
Synonyms:	N/A	Lot Number:	0527-RH-0075
CAS Number:	1363407-28-6	Expiry Date:	Jun 01, 2030
Molecular Formula:	C ₁₅ H ₁₆ F ₃ NO ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	331.29	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.303%
Loss on Drying	TGA	0.0365%
Assay		99.3%

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: Jun 02, 2026

Date: Jun 03, 2026

Date: Jun 03, 2026



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