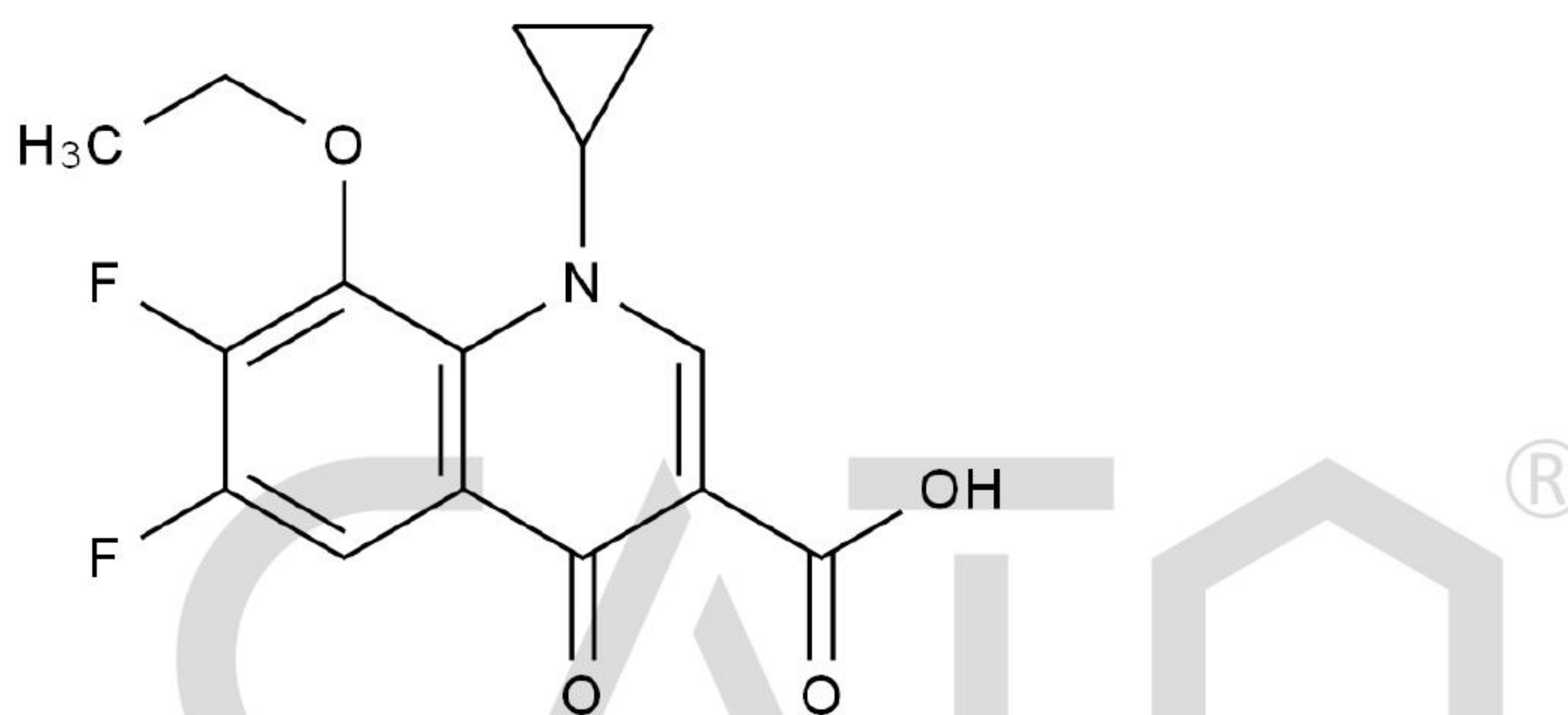


Certificate of Analysis

Reference Material & Standard

Product Name:	Moxifloxacin Impurity 25	Catalogue Number:	C4X-107425
Synonyms:	N/A	Lot Number:	1209-RF-0149
CAS Number:	143158-55-8	Expiry Date:	Dec 15, 2027
Molecular Formula:	C ₁₅ H ₁₃ F ₂ NO ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	309.26		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.630%
Loss On Drying	TGA	0.0485%
Assay		97.6%

Comment:

The calculation of the 100% 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: Dec 16, 2024

Date: Dec 16, 2024

Date: Dec 16, 2024

