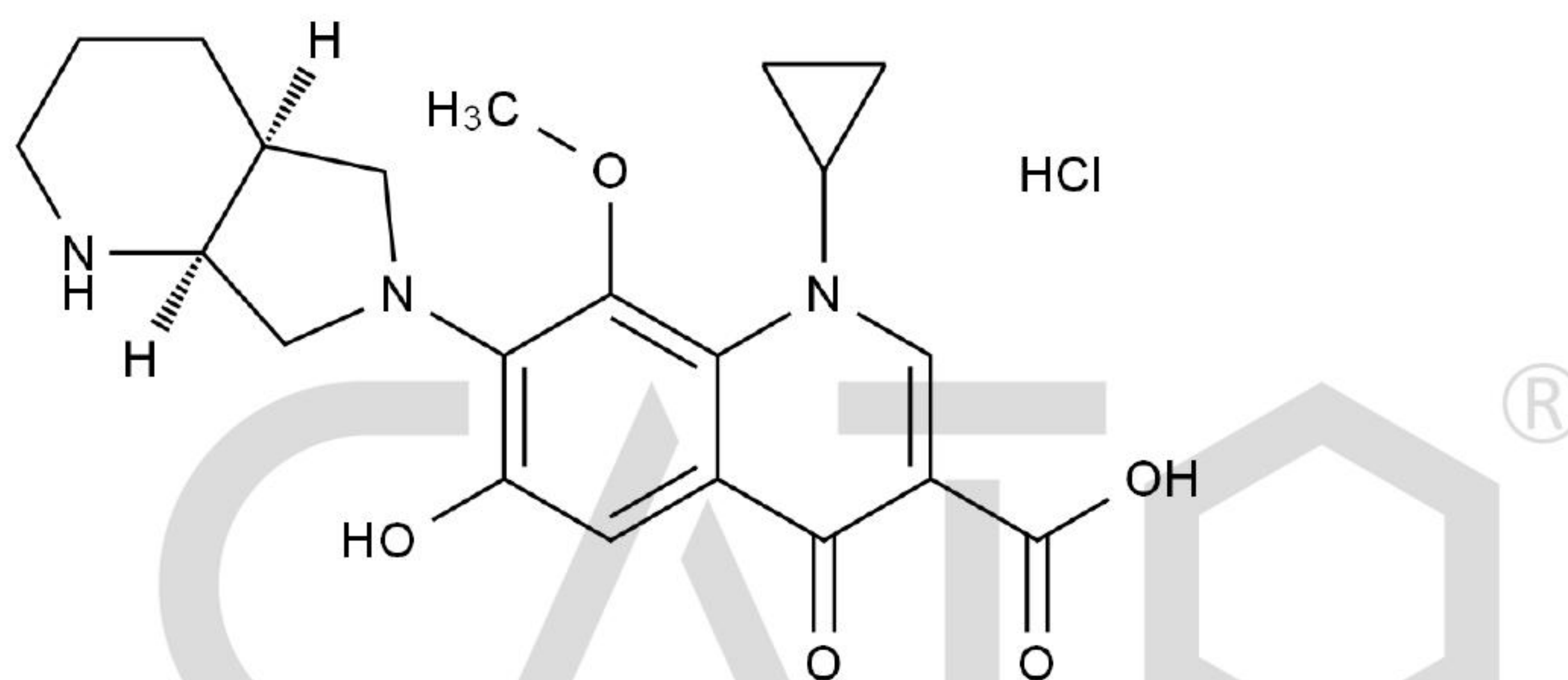


Certificate of Analysis

Reference Material & Standard

Product Name:	Moxifloxacin Impurity 19	Catalogue Number:	C4X-107419
Synonyms:	N/A	Lot Number:	0811-RG-0104
CAS Number:	2445515-66-0(Free Base)	Expiry Date:	Jul 03, 2029
Molecular Formula:	C ₂₁ H ₂₅ N ₃ O ₅ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	399.44 36.46	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Solid
Identification	LCMS&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.832%
Water Content	Karl Fischer	0.58%
Residual Solvents	NMR	0.18% acetonitrile
Assay		99.1%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Aug 11, 2025

Date: Aug 11, 2025

Date: Aug 11, 2025

