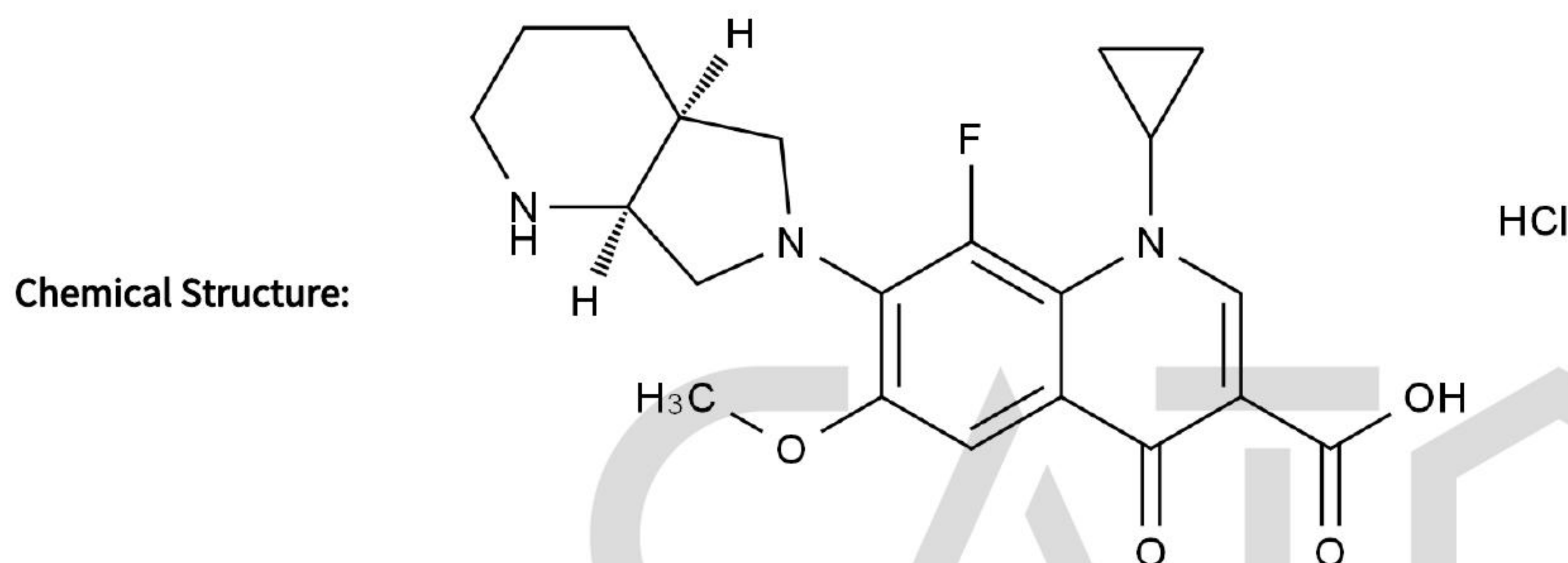


Certificate of Analysis

Reference Material & Standard

Product Name:	Moxifloxacin EP Impurity D HCl	Catalogue Number:	C4X-10744
Synonyms:	Moxifloxacin related compound D(HCL)	Lot Number:	1011-RF-0028
CAS Number:	2252446-69-6	Expiry Date:	Sep 25, 2027
Molecular Formula:	C ₂₁ H ₂₄ FN ₃ O ₄ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	401.43 36.46		



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.00%
Water Content	Karl Fischer	2.07%
Residual Solvents	NMR	Not detected in NMR
Assay		97.9%

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:

Hinlam

Approved by General Manager:

David

Date: Oct 11, 2024

Date: Oct 11, 2024

Date: Oct 11, 2024

