

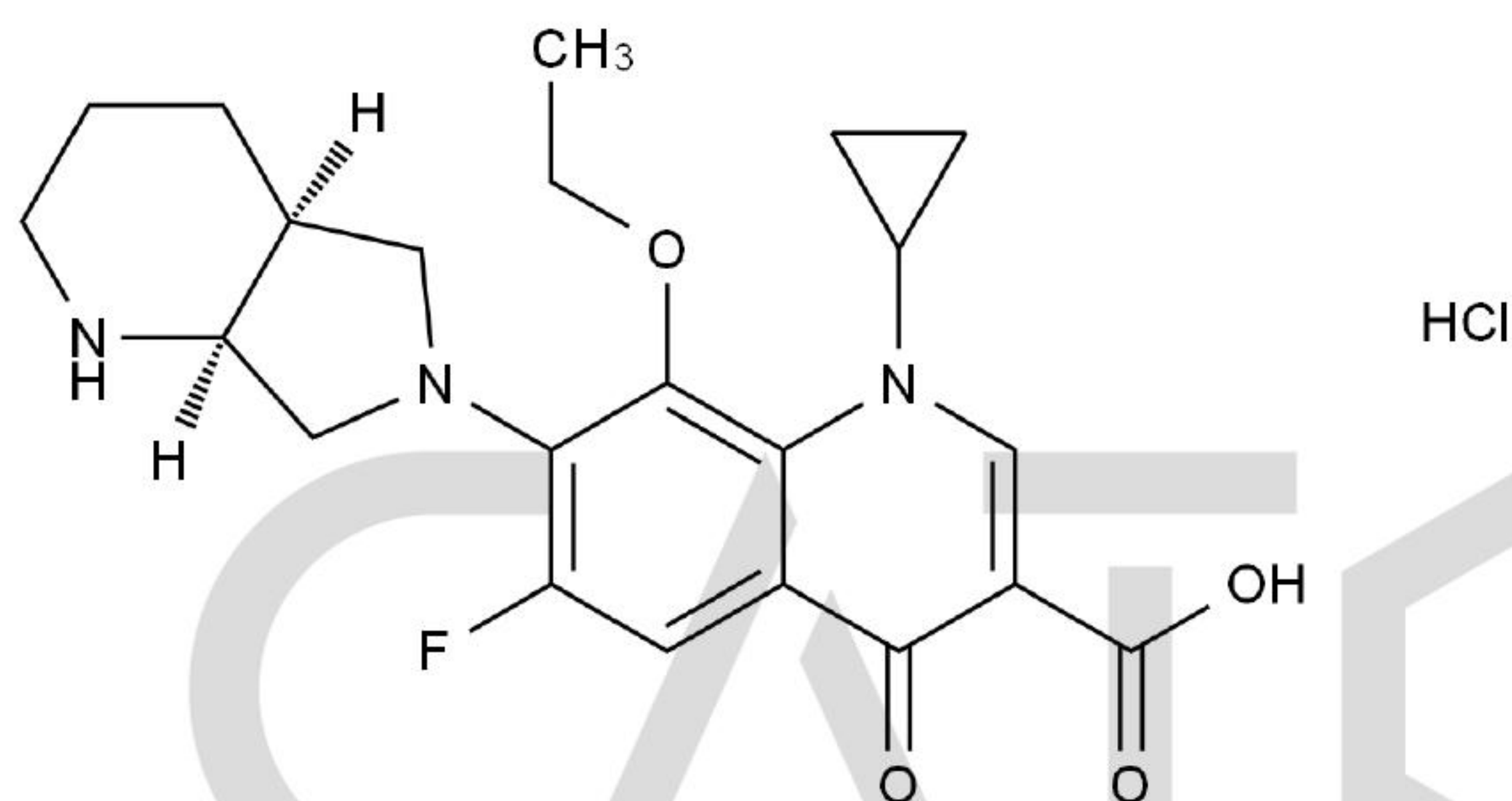
Certificate of Analysis

Reference Material & Standard

Product Name:	Moxifloxacin EP Impurity C HCl	Catalogue Number:	C4X-10743
Synonyms:	Moxifloxacin related compound C(HCL)	Lot Number:	0825-RG-0007
CAS Number:	2252446-70-9	Expiry Date:	Aug 25, 2029
Molecular Formula:	C ₂₂ H ₂₆ FN ₃ O ₄ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	415.46 36.46	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.729%
Loss On Drying	TGA	5.5322%
Assay		94.2%

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:

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Reviewed by:

Lisa

Approved by General Manager:

David

Date: Aug 26, 2025

Date: Aug 26, 2025

Date: Aug 26, 2025

