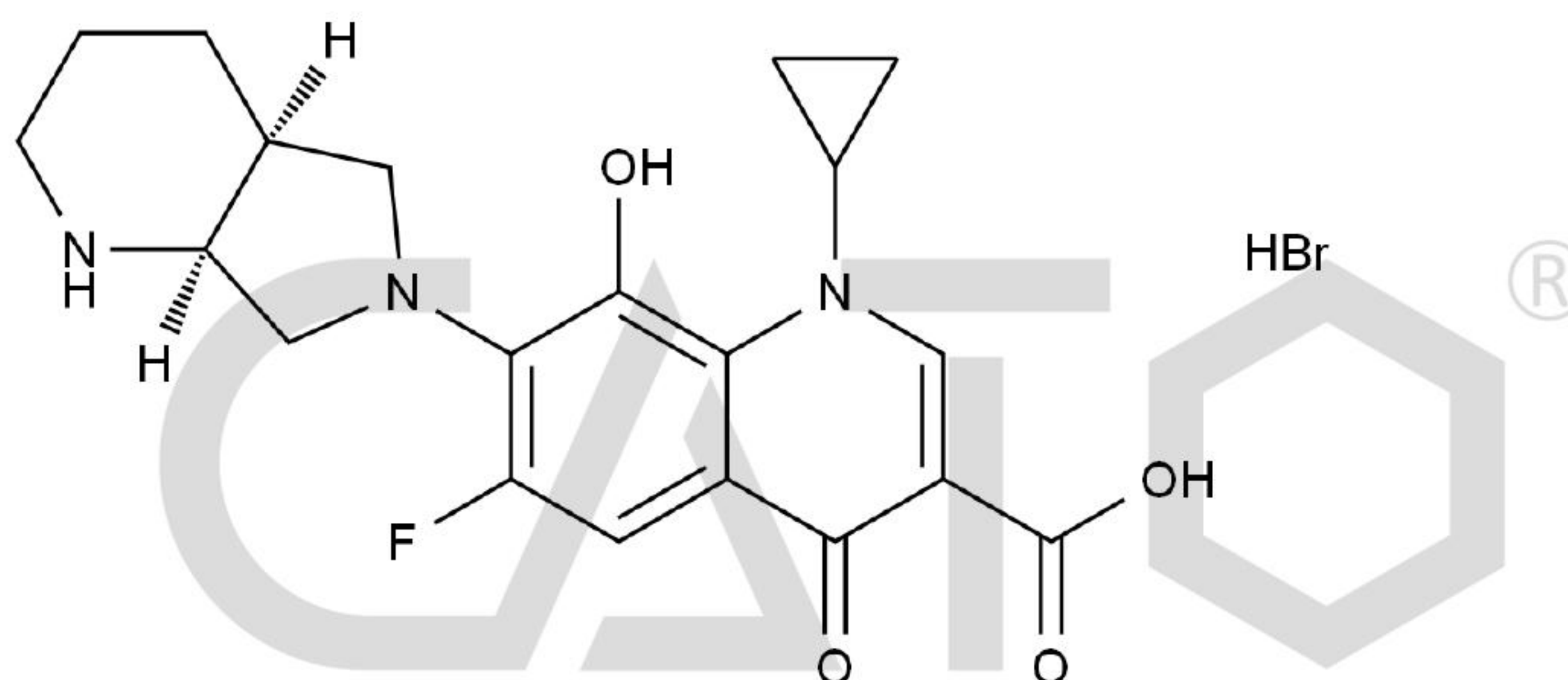


Certificate of Analysis

Reference Material & Standard

Product Name:	Moxifloxacin EP Impurity E Hydrobromide	Catalogue Number:	C4X-10745
Synonyms:	N/A	Lot Number:	1024-RE-0017
CAS Number:	1292904-74-5	Expiry Date:	May 17, 2030
Molecular Formula:	C ₂₀ H ₂₂ FN ₃ O ₄ HBr	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	387.40 80.91	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.825%
Loss on Drying	TGA	2.3613%
Assay		96.5%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: May 18, 2026

Date: May 19, 2026

Date: May 19, 2026



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