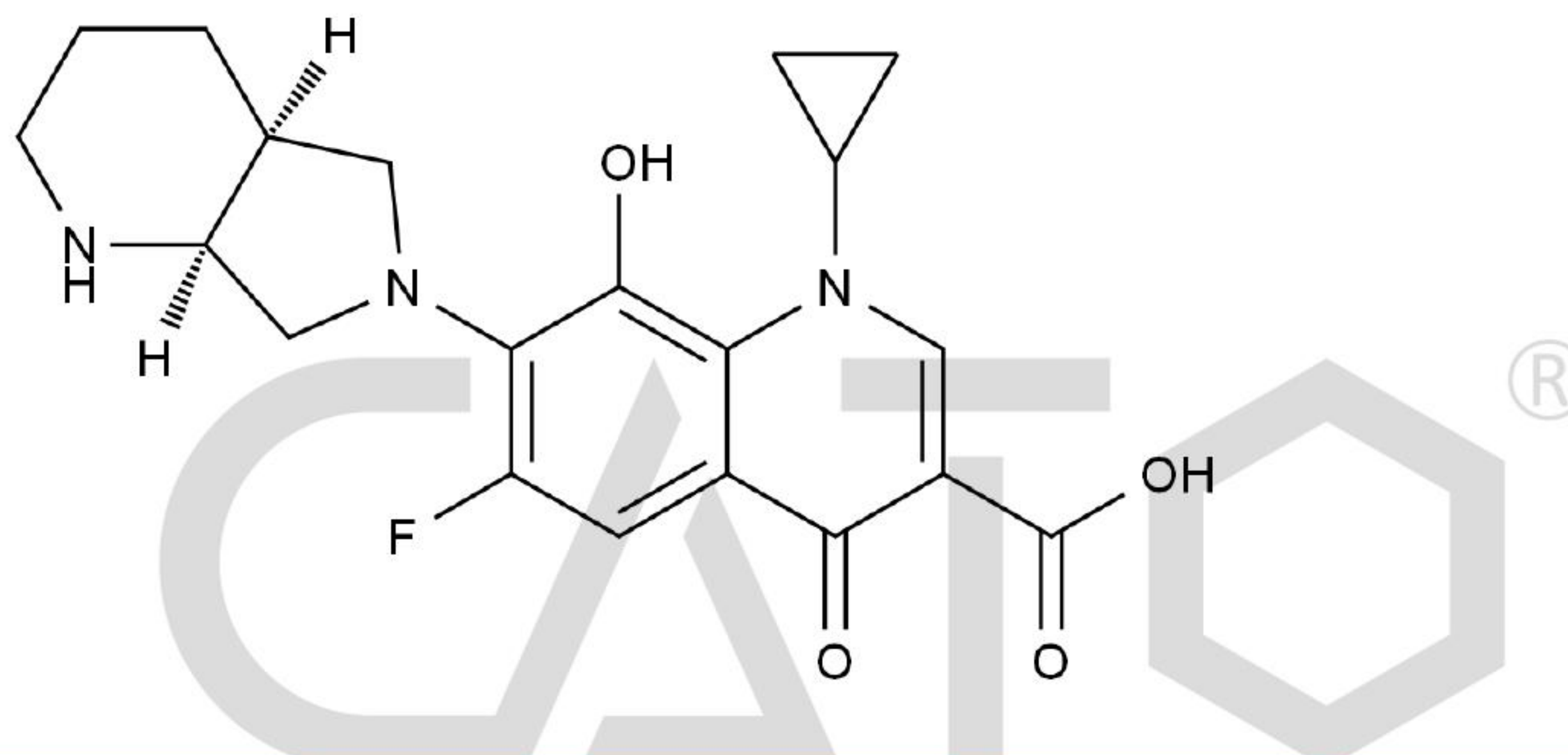


Certificate of Analysis

Reference Material & Standard

Product Name:	Moxifloxacin EP Impurity E	Catalogue Number:	C4X-107472
Synonyms:	Moxifloxacin related compound E	Lot Number:	1104-RG-0053
CAS Number:	721970-36-1	Expiry Date:	Nov 06, 2029
Molecular Formula:	C ₂₀ H ₂₂ FN ₃ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	387.40	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.333%
Loss On Drying	TGA	6.6823%
Assay		92.7%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Nov 07, 2025

Date: Nov 07, 2025

Date: Nov 07, 2025



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