

Certificate of Analysis

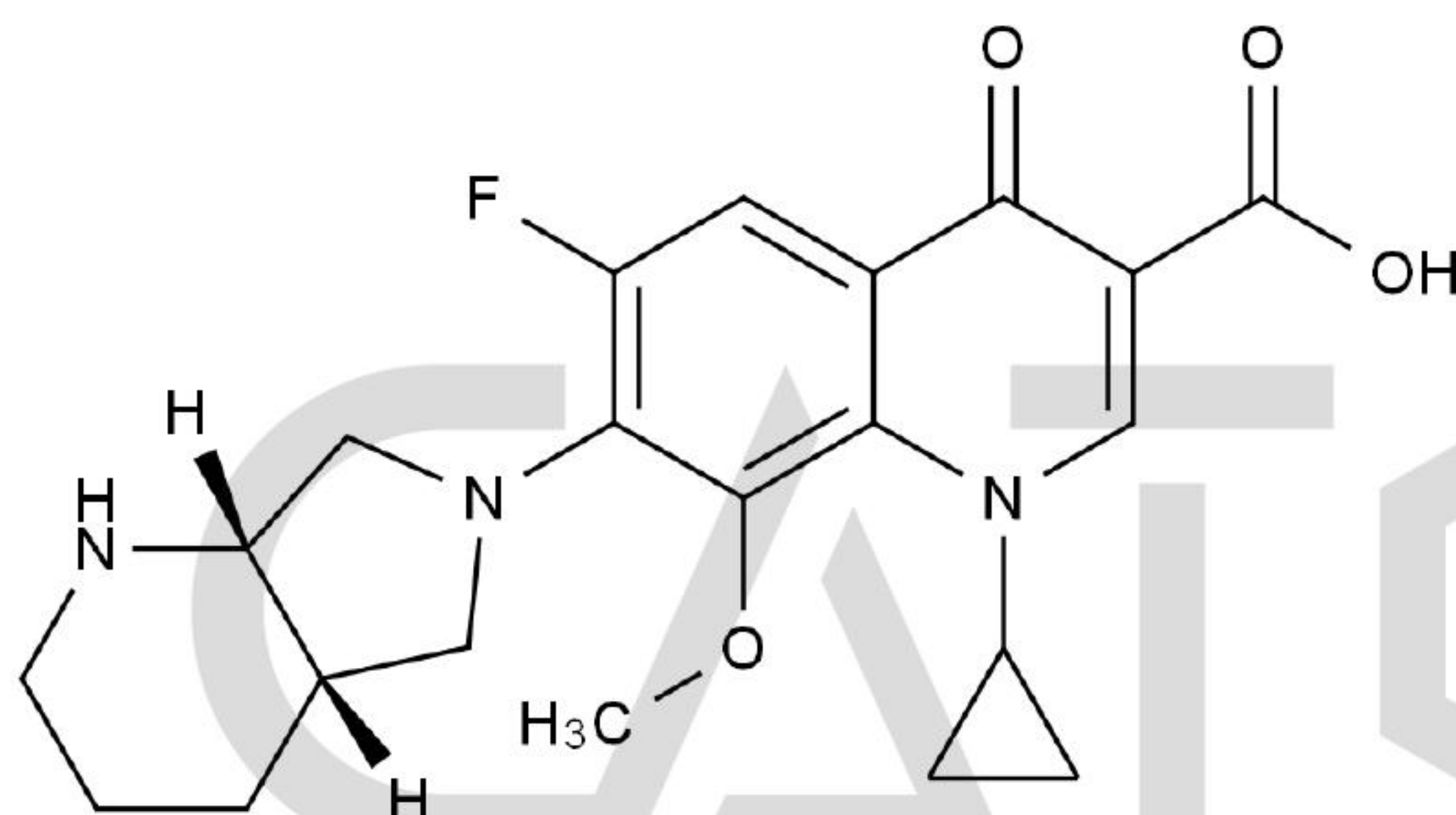
Reference Material & Standard

Product Name:	Moxifloxacin	Catalogue Number:	CCAD301924
Synonyms:	N/A	Lot Number:	0914-RF-0086
CAS Number:	151096-09-2	Expiry Date:	Sep 13, 2028
Molecular Formula:	C ₂₁ H ₂₄ FN ₃ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	401.43	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.5%
Assay	qNMR	93.2%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

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Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Sep 14, 2024

Date: Sep 18, 2024

Date: Sep 18, 2024



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