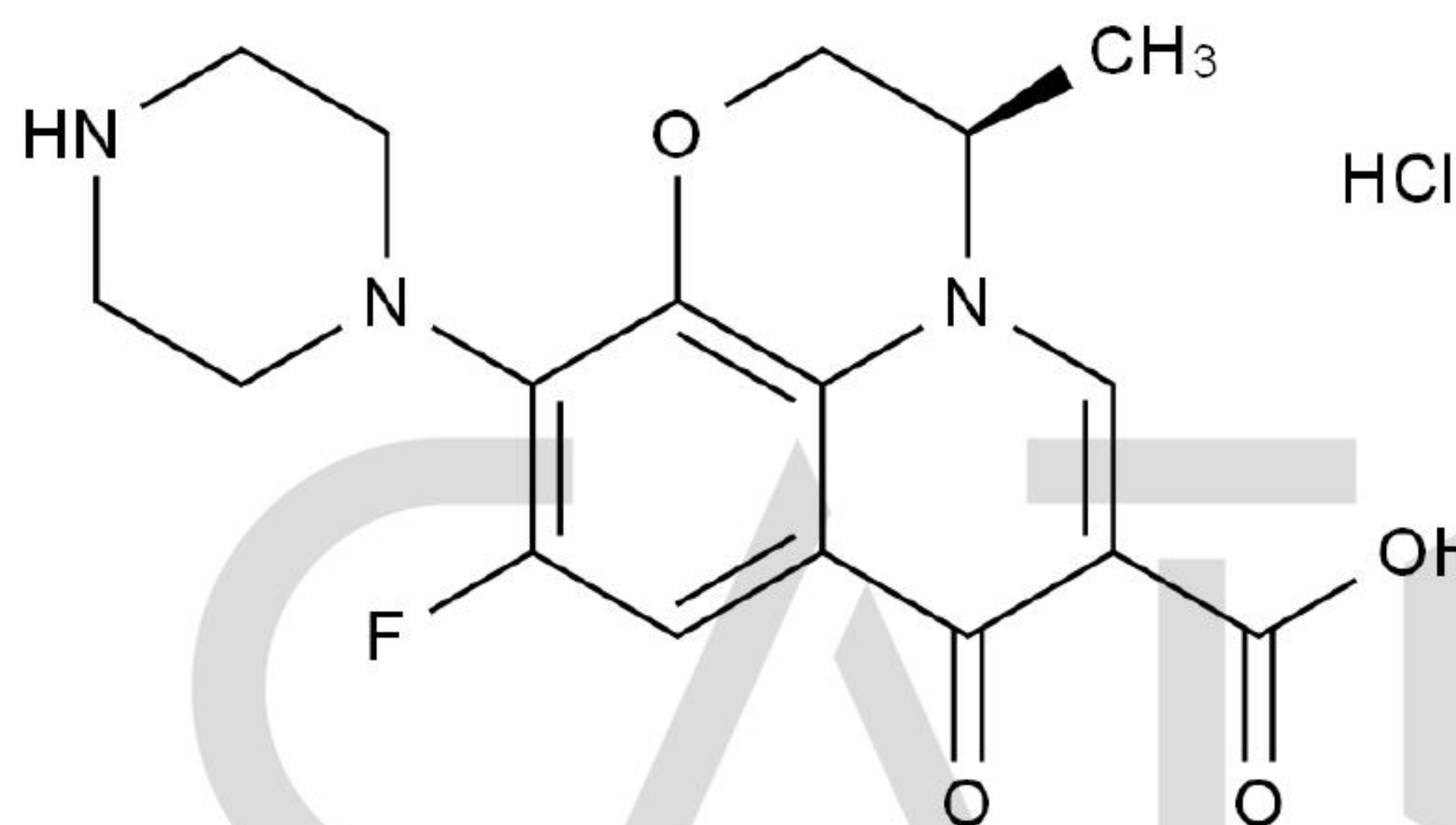


Certificate of Analysis

Reference Material & Standard

Product Name:	Ofloxacin EP Impurity E	Catalogue Number:	C4X-137128
Synonyms:	N/A	Lot Number:	0415-RF-0092
CAS Number:	N/A	Expiry Date:	Feb 21, 2027
Molecular Formula:	C ₁₇ H ₁₈ FN ₃ O ₄ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	347.34 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.964%
Water Content	Karl Fischer	0.57%
Residual Solvents	NMR	Not detected in NMR
Assay		99.4%

Comment:

The calculation of the mass balance 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:

Lisa

Approved by General Manager:

David

Date: Apr 19, 2024

Date: Apr 19, 2024

Date: Apr 19, 2024



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

