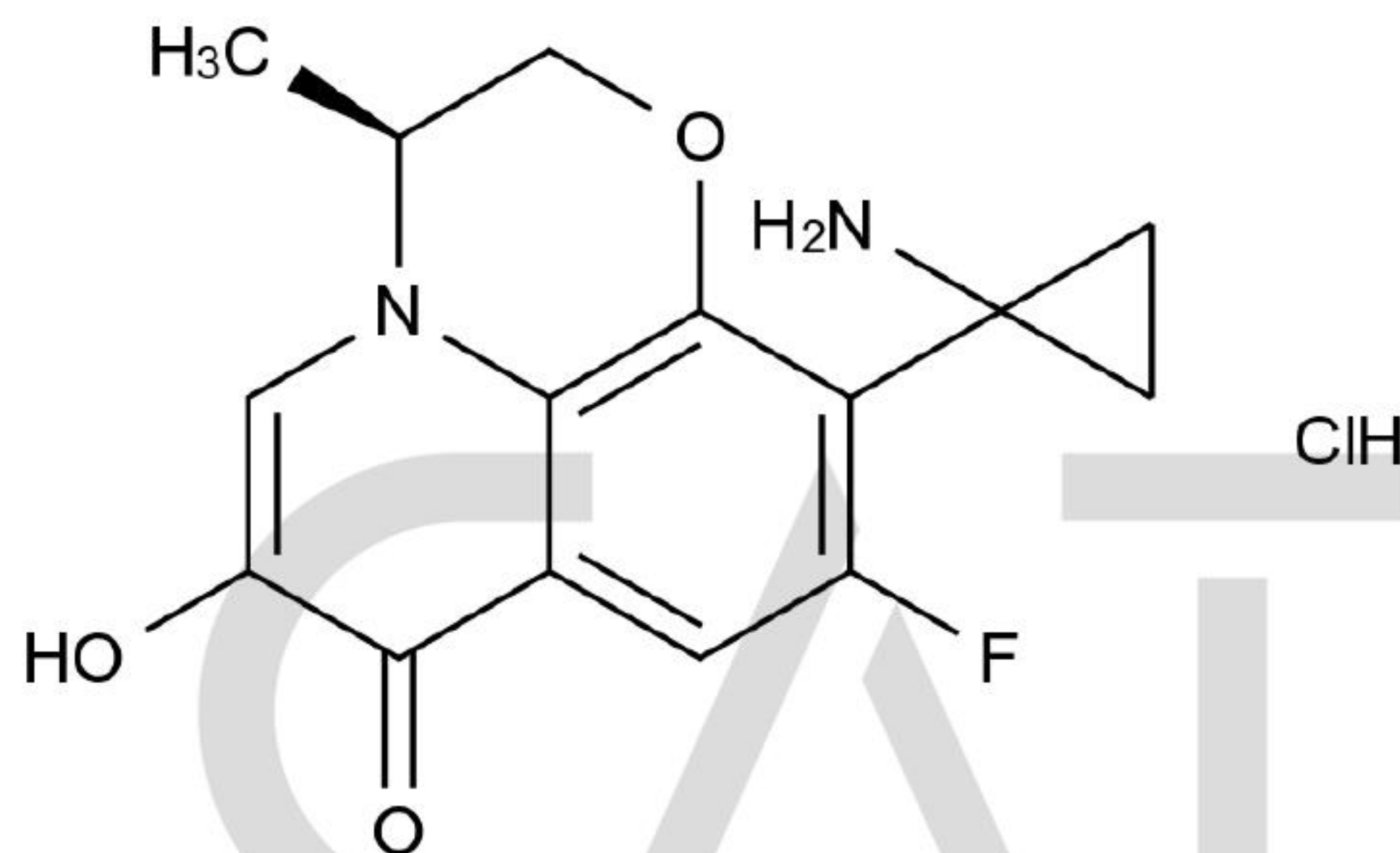


Certificate of Analysis

Reference Material & Standard

Product Name:	Pazufloxacin Impurity21 HCl	Catalogue Number:	C4X-233221
Synonyms:	N/A	Lot Number:	0109-RF-0043
CAS Number:	171567-51-4	Expiry Date:	Jan 11, 2027
Molecular Formula:	C ₁₅ H ₁₅ FN ₂ O ₃ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	290.29 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	98.492%
Water Content	Karl Fischer	0.30%
Residual Solvents	NMR	Not detected in NMR
Assay		98.2%

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:

Kai

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jan 12, 2024

Date: Jan 12, 2024

Date: Jan 12, 2024



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