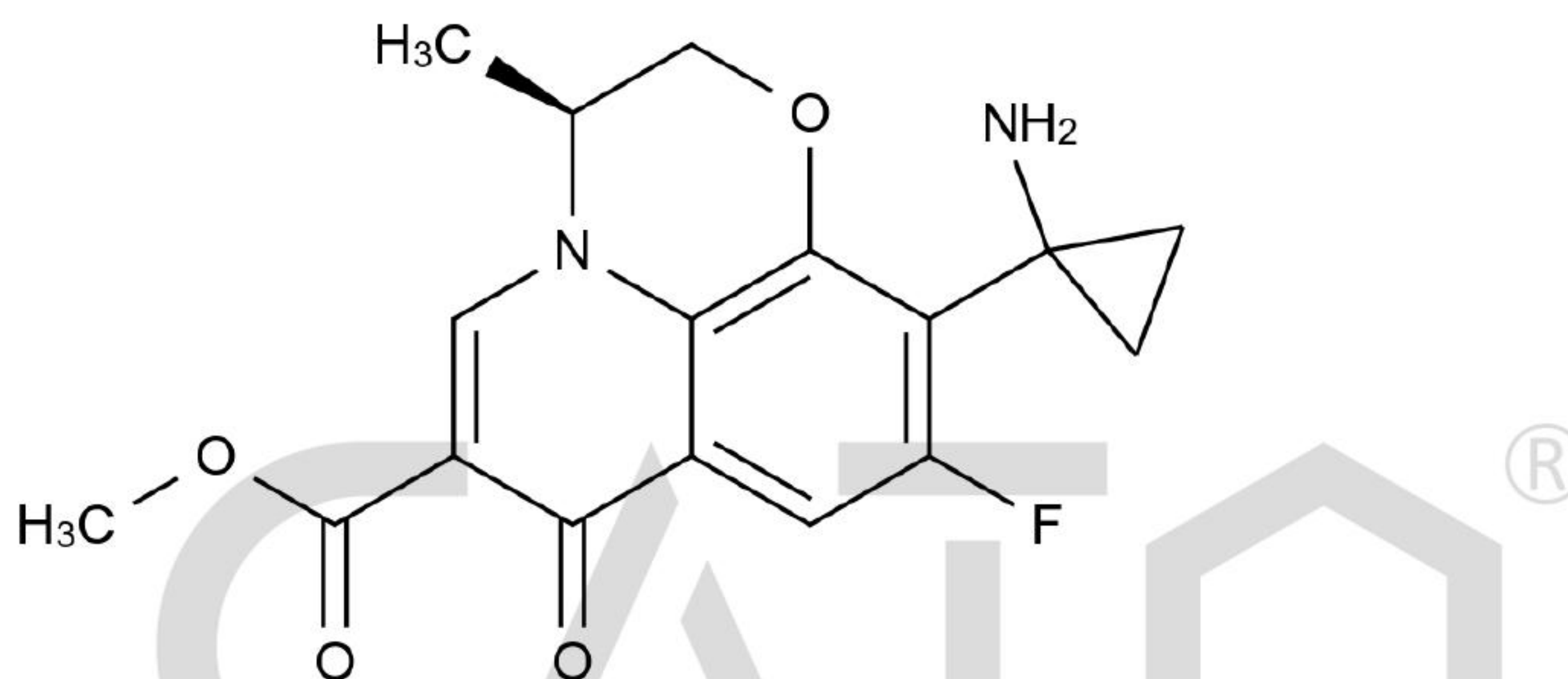


Certificate of Analysis

Reference Material & Standard

Product Name:	Pazufloxacin Impurity 22	Catalogue Number:	C4X-233222
Synonyms:	N/A	Lot Number:	0324-RG-0096
CAS Number:	N/A	Expiry Date:	Sep 26, 2027
Molecular Formula:	C ₁₇ H ₁₇ FN ₂ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	332.33		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.781%
Water Content	Karl Fischer	2.67%
Residual Solvents	NMR	0.79% methanol
Assay		96.3%

Comment:

The calculation of the 100% 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:

Hinlam

Approved by General Manager:

David

Date: Mar 24, 2025

Date: Mar 24, 2025

Date: Mar 24, 2025

