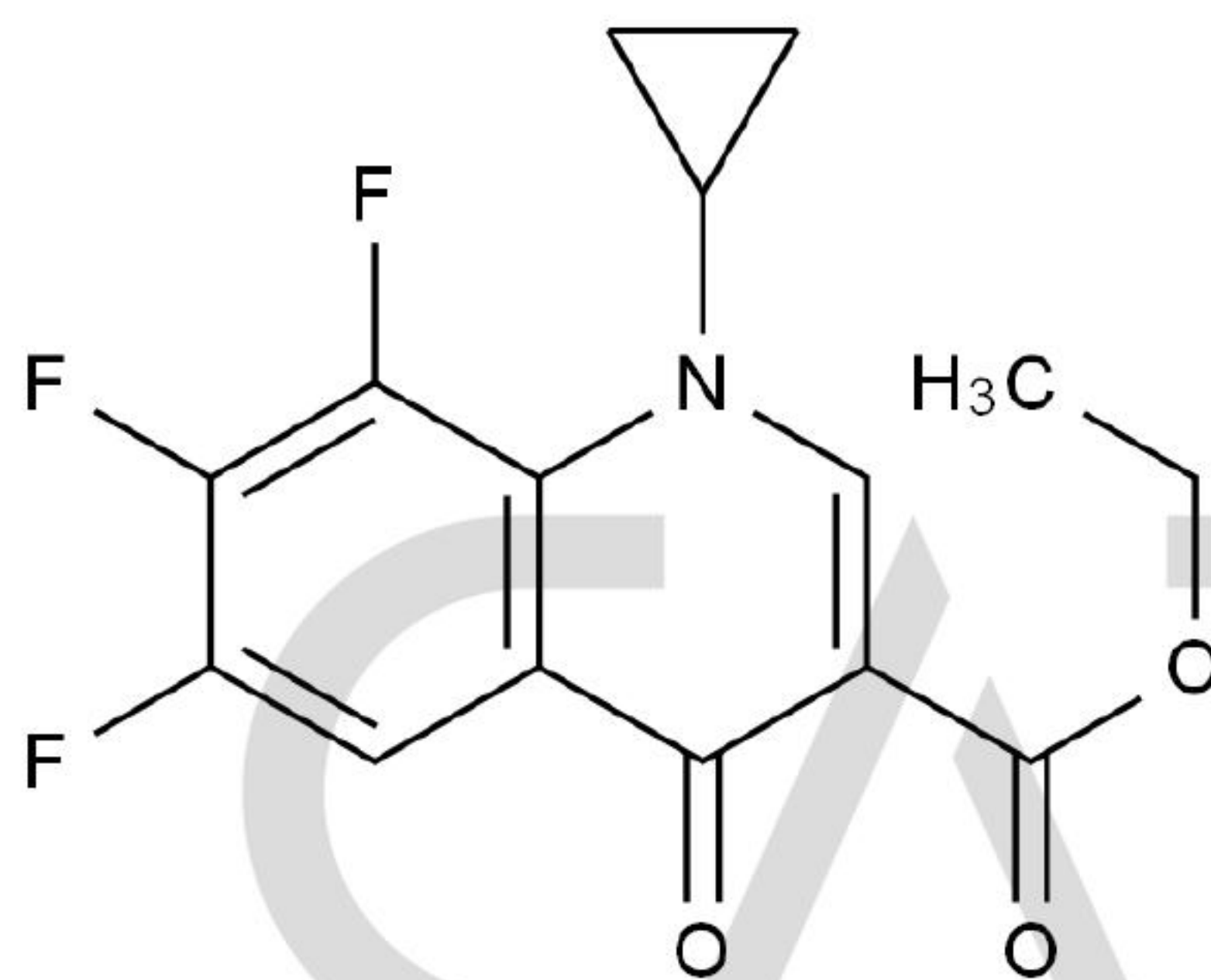


Certificate of Analysis

Reference Material & Standard

Product Name:	Moxifloxacin Impurity 22	Catalogue Number:	C4X-107422
Synonyms:	N/A	Lot Number:	0320-RE-0017
CAS Number:	94242-51-0	Expiry Date:	Oct 13, 2029
Molecular Formula:	C ₁₅ H ₁₂ F ₃ NO ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	311.26		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Powder
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.475%
Water Content	Karl Fischer	0.10%
Assay		99.4%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content) * Purity HPLC (%) / 100%

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Oct 17, 2025

Date: Oct 17, 2025

Date: Oct 17, 2025



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