

Certificate of Analysis

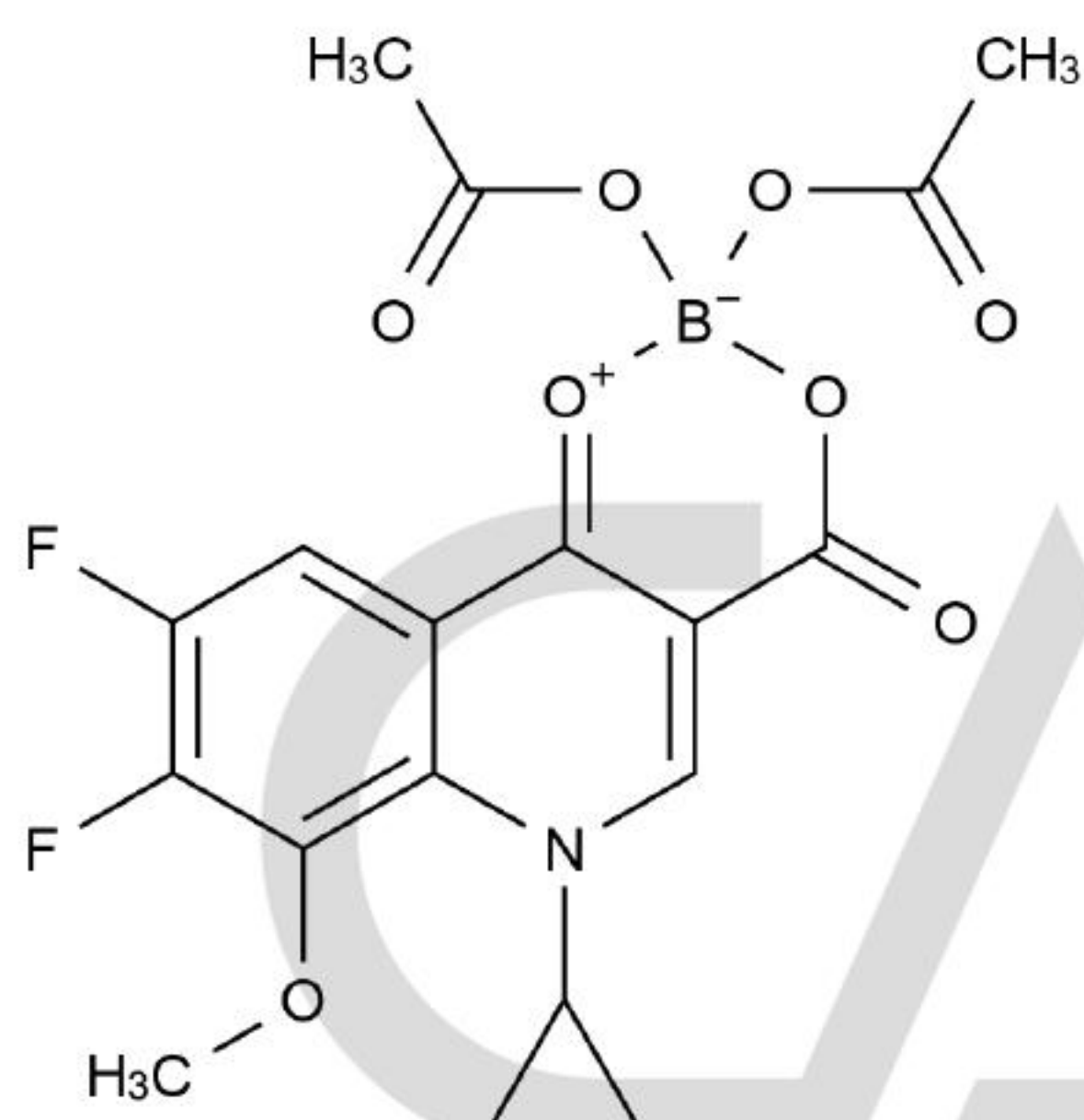
Reference Material & Standard

Product Name:	Moxifloxacin Impurity 38	Catalogue Number:	C4X-107438
Synonyms:	N/A	Lot Number:	0203-RH-0116
CAS Number:	139693-52-0	Expiry Date:	Feb 02, 2030
Molecular Formula:	C ₁₈ H ₁₆ BF ₂ NO ₈	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	423.13	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	HRMS&HNMR	Confirmed
Purity	HPLC	97.039%
Loss On Drying	TGA	4.8433%
Assay		92.3%

Comment:

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

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Feb 03, 2026

Date: Feb 04, 2026

Date: Feb 04, 2026



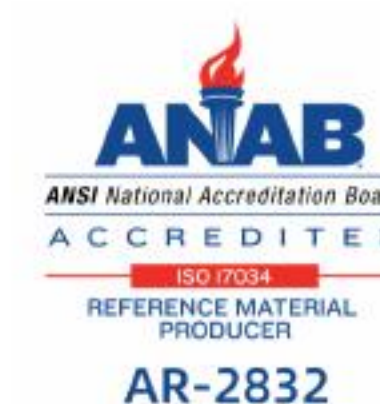
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