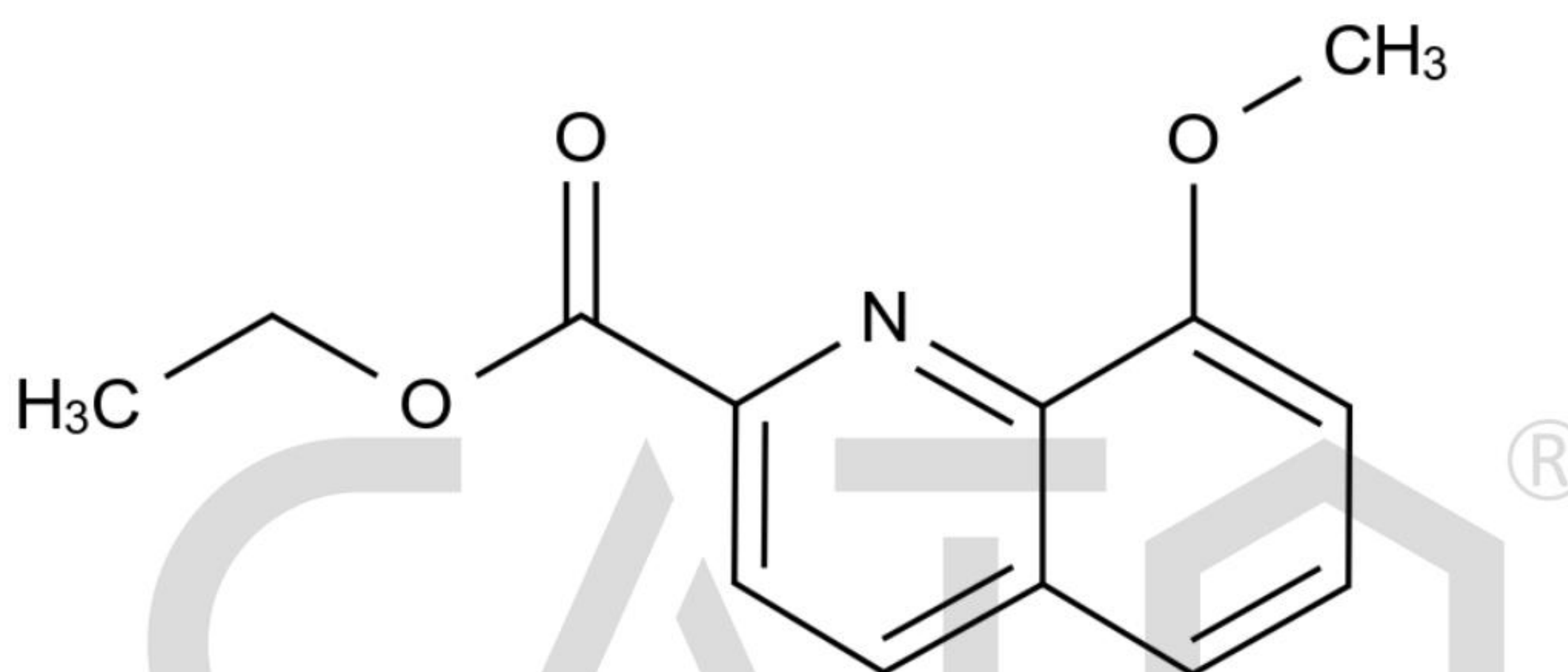


Certificate of Analysis

Reference Material & Standard

Product Name:	Moxifloxacin impurity 160	Catalogue Number:	C4X-1074160
Synonyms:	N/A	Lot Number:	0811-RG-0052
CAS Number:	1415319-29-7	Expiry Date:	Aug 13, 2029
Molecular Formula:	C ₁₃ H ₁₃ NO ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	231.25		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Brown Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.588%
Loss On Drying	TGA	0.0150%
Assay		97.6%

Comment:

The calculation of the 100% 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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Aug 14, 2025

Date: Aug 14, 2025

Date: Aug 14, 2025

