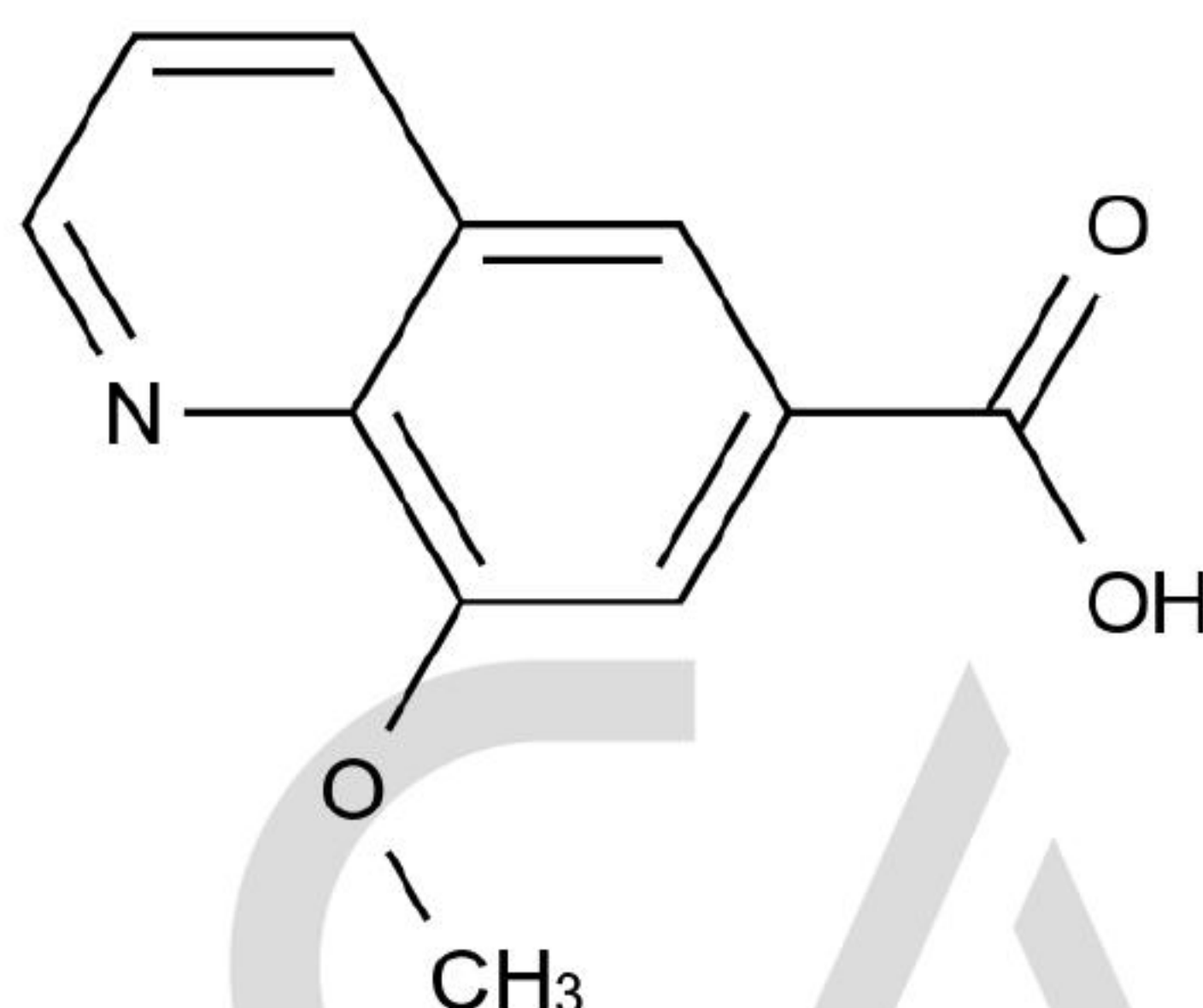


Certificate of Analysis

Reference Material & Standard

Product Name:	Moxifloxacin impurity 164	Catalogue Number:	C4X-1074164
Synonyms:	N/A	Lot Number:	0808-RG-0069
CAS Number:	1668584-26-6	Expiry Date:	Aug 11, 2029
Molecular Formula:	C ₁₁ H ₉ NO ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	203.19		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.875%
Loss On Drying	TGA	2.1912%
Assay		97.7%

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 12, 2025

Date: Aug 12, 2025

Date: Aug 12, 2025

