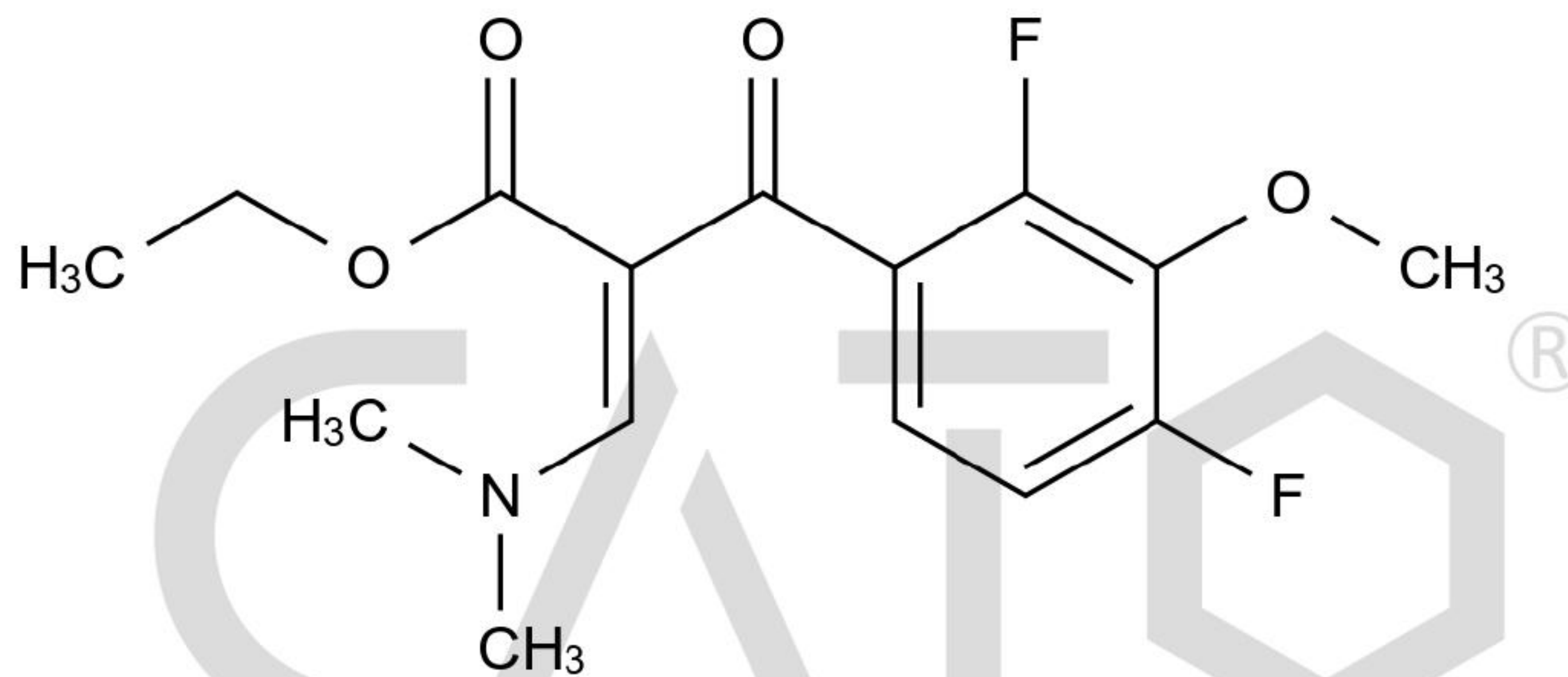


Certificate of Analysis

Reference Material & Standard

Product Name:	Nemonoxacin Impurity 24	Catalogue Number:	C4X-312824
Synonyms:	N/A	Lot Number:	0918-RF-0118
CAS Number:	N/A	Expiry Date:	Sep 17, 2027
Molecular Formula:	C ₁₅ H ₁₇ F ₂ NO ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	313.30	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Oil
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.127%
Residue on Ignition	TGA	0.1133%
Loss On Drying	TGA	0.4059%
Assay		98.6%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

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

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 26, 2024

Date: Sep 26, 2024

Date: Sep 26, 2024

