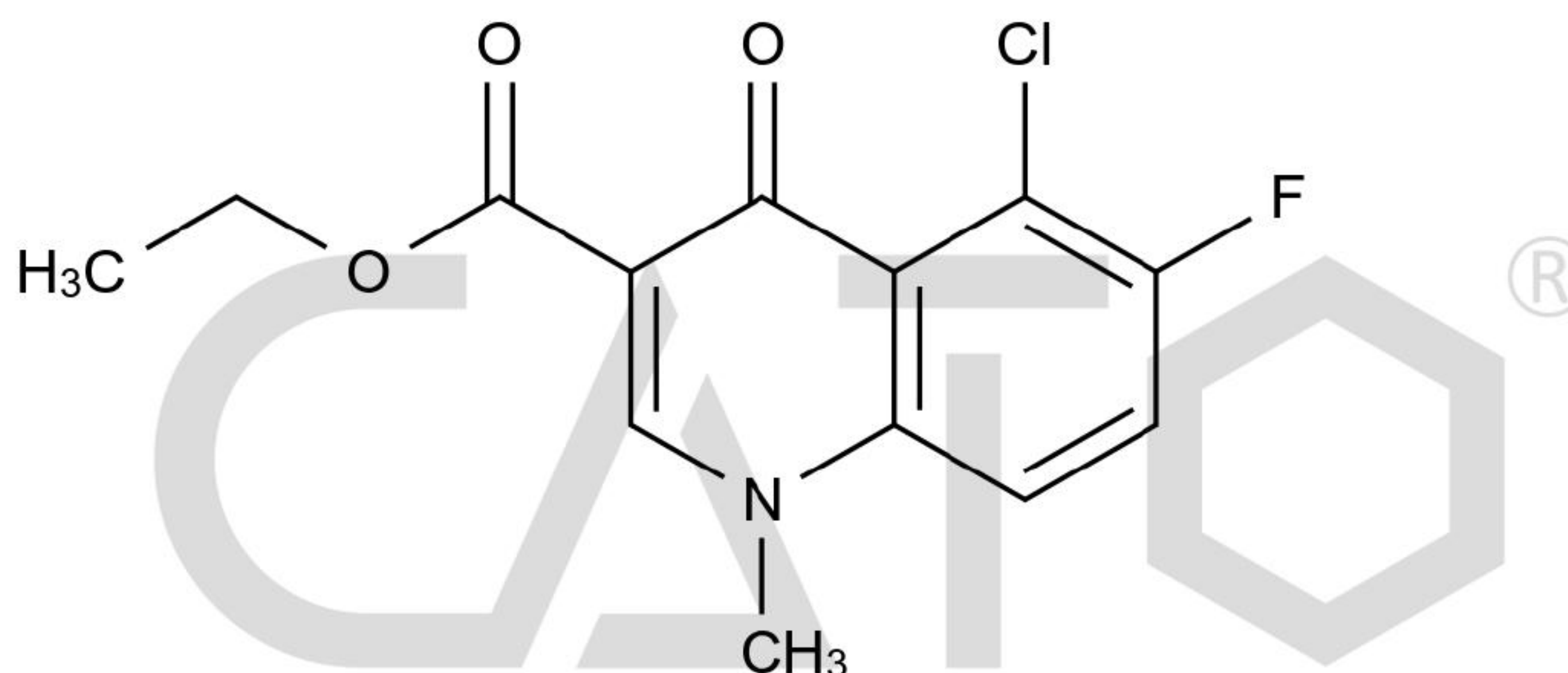


Certificate of Analysis

Reference Material & Standard

Product Name:	Norfloxacin Impurity 58	Catalogue Number:	C4X-146858
Synonyms:	N/A	Lot Number:	1109-RG-0059
CAS Number:	N/A	Expiry Date:	Nov 11, 2027
Molecular Formula:	C ₁₃ H ₁₁ ClFNO ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	283.68	Shipping Condition:	Shipping with Ice Packs
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.975%
Loss On Drying	TGA	0.0327%
Assay		97.9%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Nov 12, 2025

Date: Nov 12, 2025

Date: Nov 12, 2025



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