

Certificate of Analysis

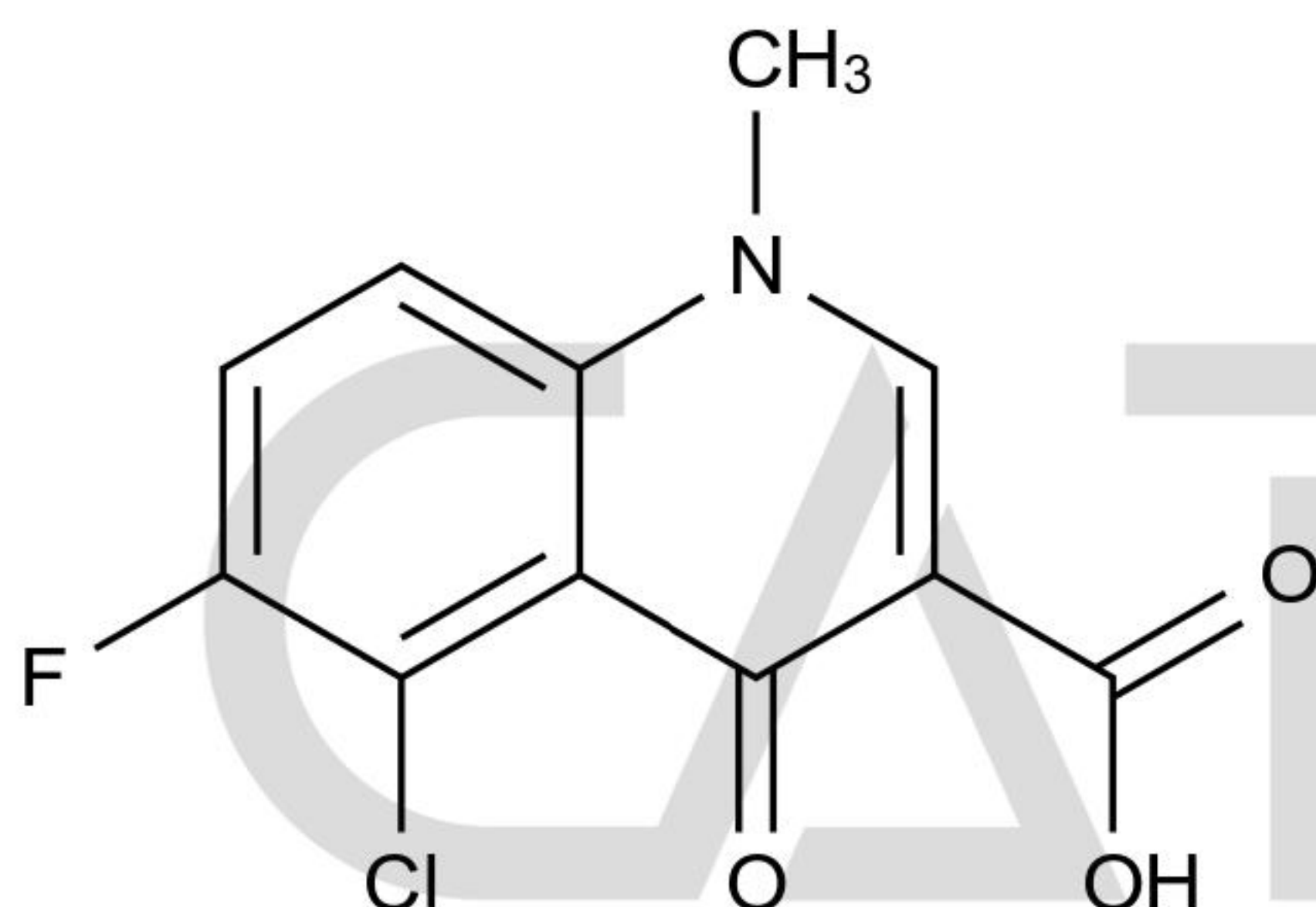
Reference Material & Standard

Product Name:	Norfloxacin Impurity 57	Catalogue Number:	C4X-146857
Synonyms:	N/A	Lot Number:	1109-RG-0060
CAS Number:	N/A	Expiry Date:	Nov 11, 2027
Molecular Formula:	C ₁₁ H ₇ ClFNO ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	255.63	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.365%
Loss On Drying	TGA	0.0646%
Assay		99.3%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Nov 12, 2025

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