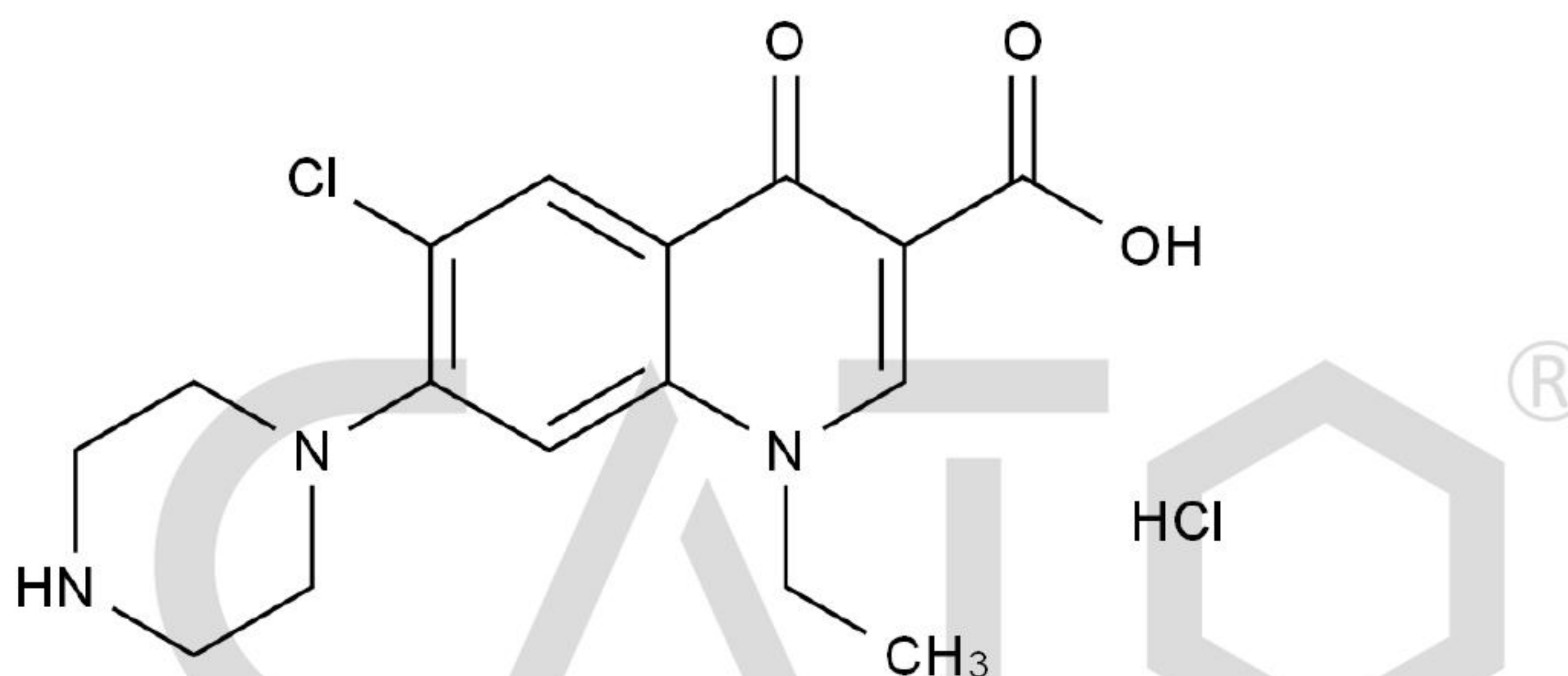


Certificate of Analysis

Reference Material & Standard

Product Name:	Norfloxacin EP Impurity F HCl	Catalogue Number:	C4X-146826
Synonyms:	N/A	Lot Number:	1216-RG-0055
CAS Number:	67681-84-9(Free Base)	Expiry Date:	Dec 15, 2029
Molecular Formula:	C ₁₆ H ₁₈ ClN ₃ O ₃ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	335.79 36.46	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Oil
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.499%
Residue on Ignition	TGA	0.4463%
Loss On Drying	TGA	0.0826%
Assay		98.0%

Comment:

The calculation of the mass balance 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: Dec 25, 2025

Date: Dec 25, 2025

Date: Dec 25, 2025



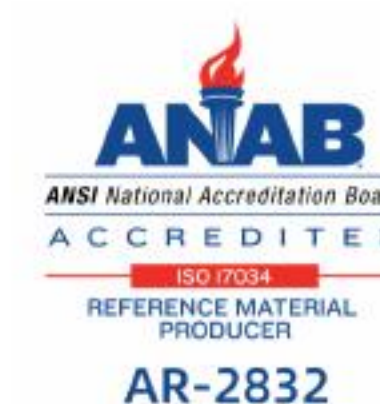
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