

Certificate of Analysis

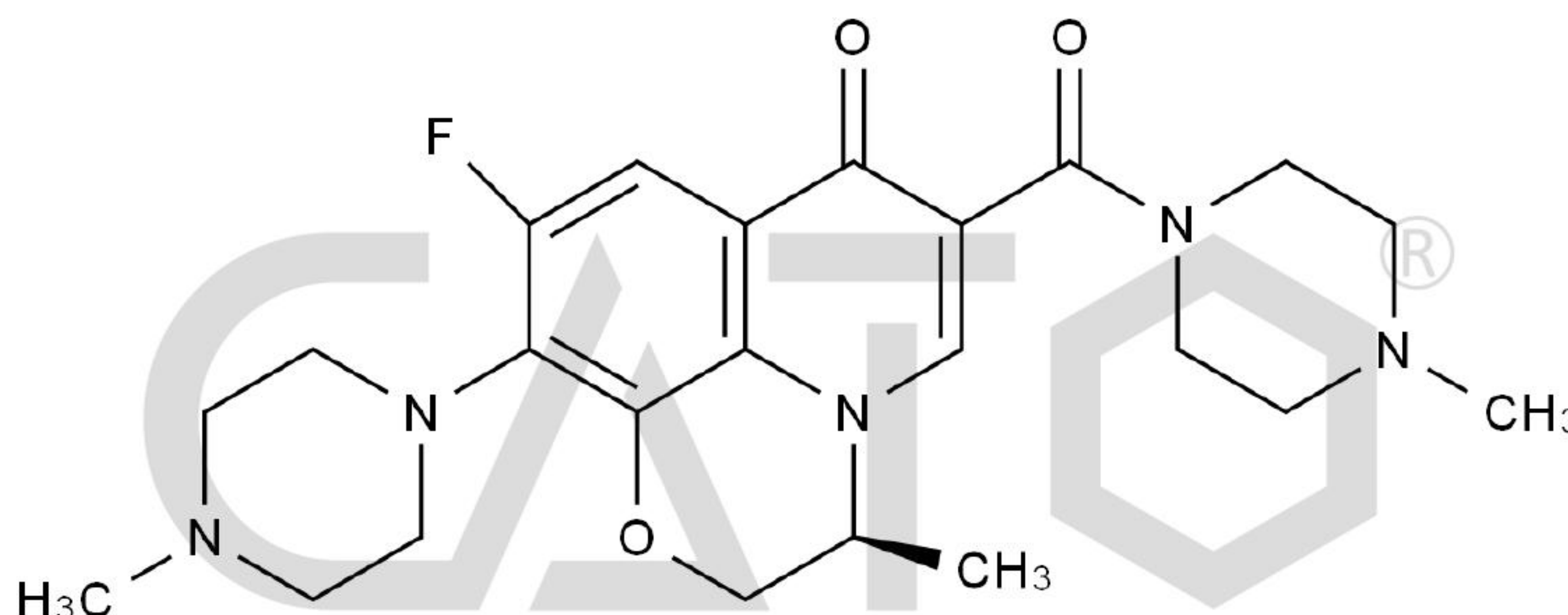
Reference Material & Standard

Product Name:	Levofloxacin Impurity 19	Catalogue Number:	C4X-137119
Synonyms:	N/A	Lot Number:	0915-RG-0045
CAS Number:	2206135-16-0	Expiry Date:	Sep 14, 2029
Molecular Formula:	C ₂₃ H ₃₀ FN ₅ O ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	443.51		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.8314%
Loss On Drying	TGA	1.090%
Assay		98.7%

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:

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Approved by General Manager:

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Date: Sep 17, 2025

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