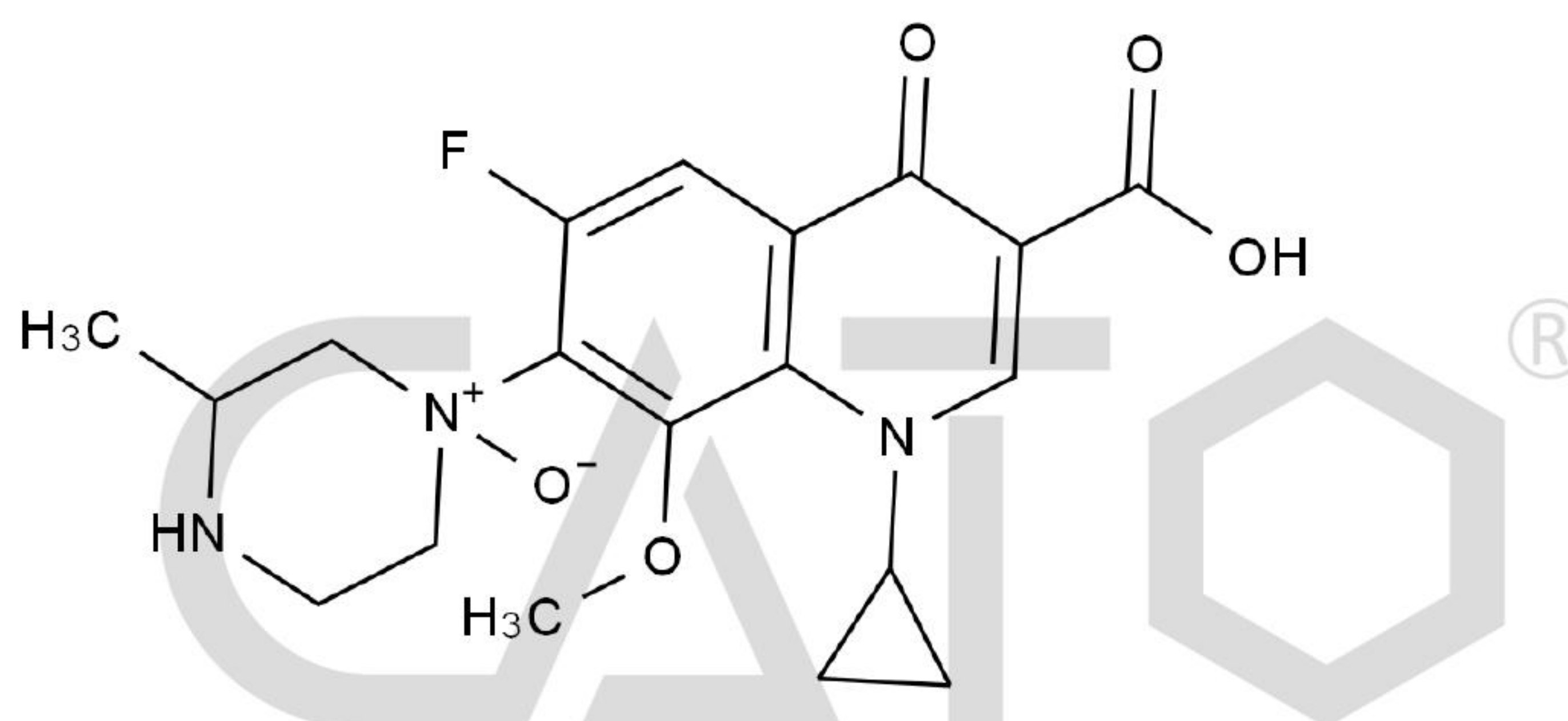


Certificate of Analysis

Reference Material & Standard

Product Name:	Gatifloxacin Impurity 19	Catalogue Number:	C4X-125319
Synonyms:	N/A	Lot Number:	0916-RH-0102
CAS Number:	1798008-43-1	Expiry Date:	Sep 17, 2030
Molecular Formula:	C ₁₉ H ₂₂ FN ₃ O ₅	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	391.39	Shipping Condition:	Shipping with Ice Packs
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.207%
Loss on Drying	TGA	0.2800%
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:

Hin Lam

Reviewed by:

Koi

Approved by General Manager:

David

Date: Sep 18, 2026

Date: Sep 18, 2026

Date: Sep 18, 2026



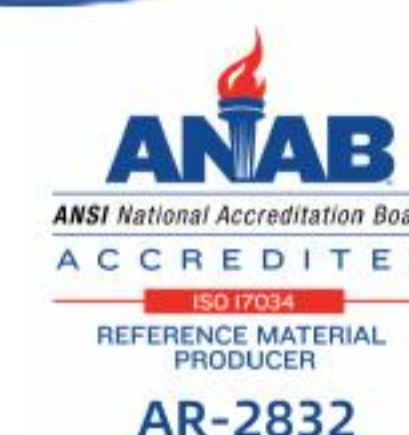
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