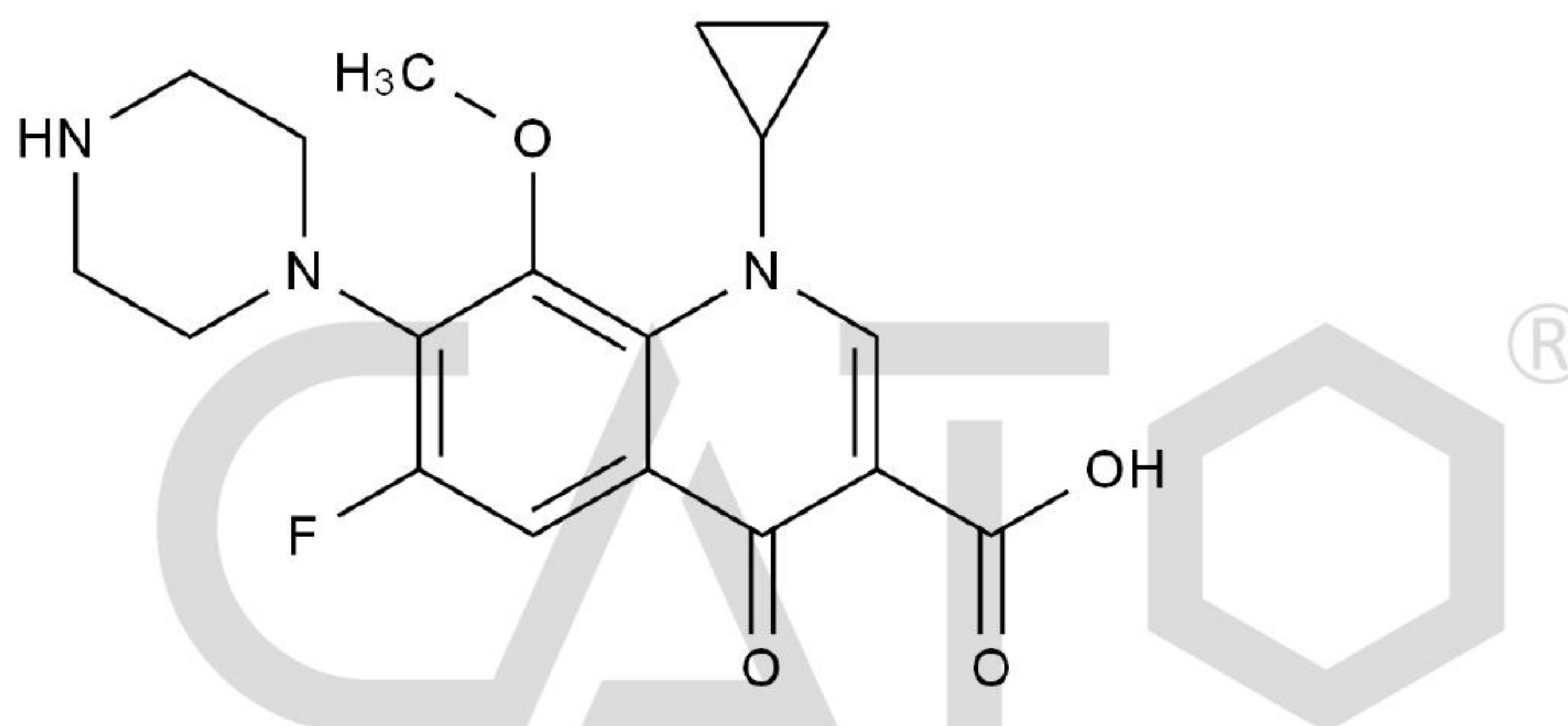


Certificate of Analysis

Reference Material & Standard

Product Name:	Gatifloxacin Related Compound D(3-Desmethyl Gatifloxacin)	Catalogue Number:	C4X-125311
Synonyms:	N/A	Lot Number:	0807-RH-0068
CAS Number:	112811-57-1	Expiry Date:	Aug 10, 2030
Molecular Formula:	C ₁₈ H ₂₀ FN ₃ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	361.37	Shipping Condition:	Shipping at Room Temperature
Solubility:	DMSO		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.825%
Loss on Drying	TGA	9.9019%
Assay		89.9%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$

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: Aug 17, 2026

Date: Aug 17, 2026

Date: Aug 17, 2026



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