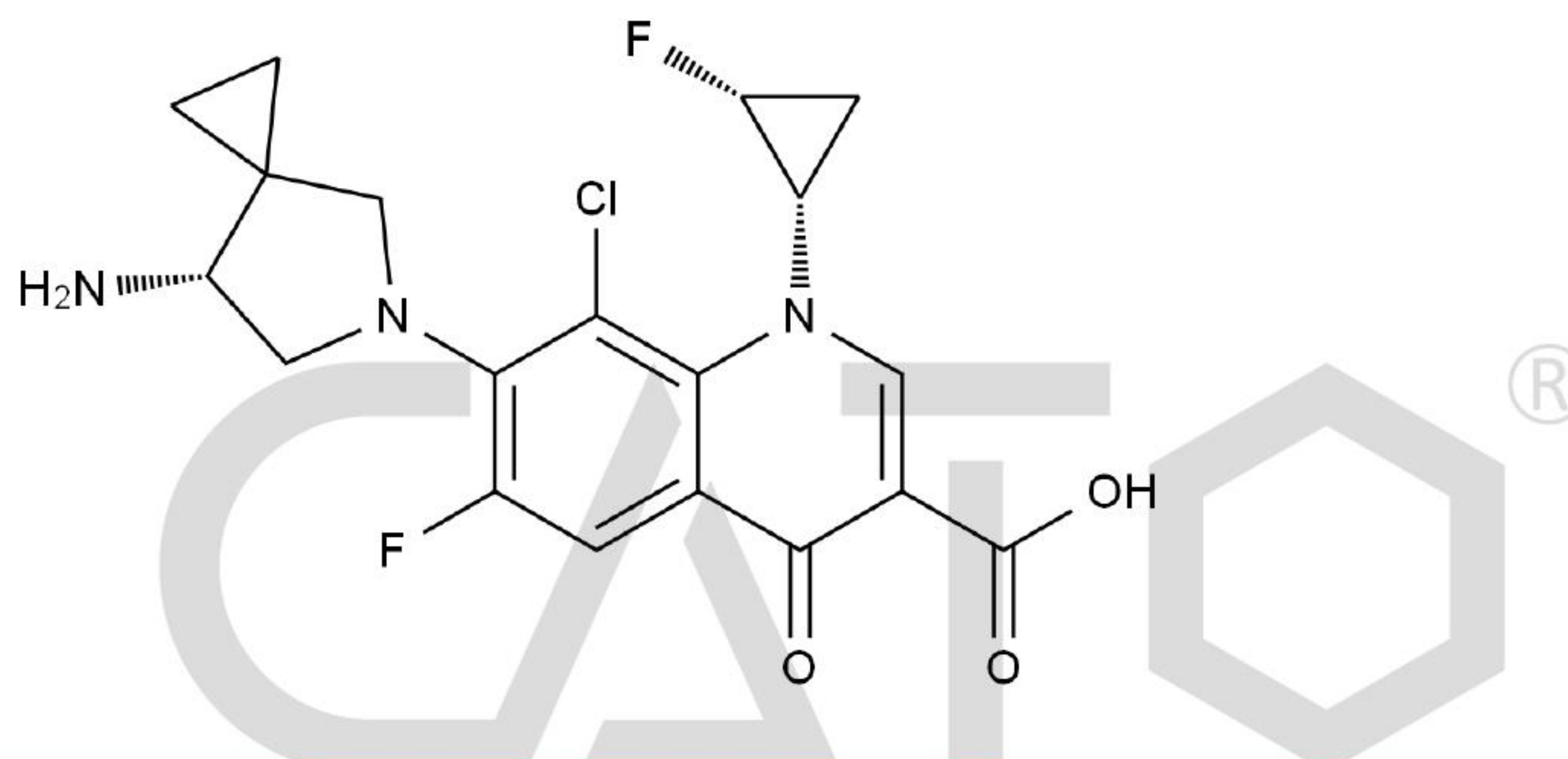


Certificate of Analysis

Reference Material & Standard

Product Name:	Sitafloxacin Isomer Impurity 4(RSR)	Catalogue Number:	C4X-11554
Synonyms:	N/A	Lot Number:	0408-RG-0085
CAS Number:	127199-06-8	Expiry Date:	Apr 13, 2028
Molecular Formula:	C ₁₉ H ₁₈ ClF ₂ N ₃ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	409.81	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.366%
Loss on Drying	TGA	4.8089%
Assay		94.6%

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:

Reviewed by:

Approved by General Manager:

Date: May 06, 2026

Date: May 07, 2026

Date: May 07, 2026



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