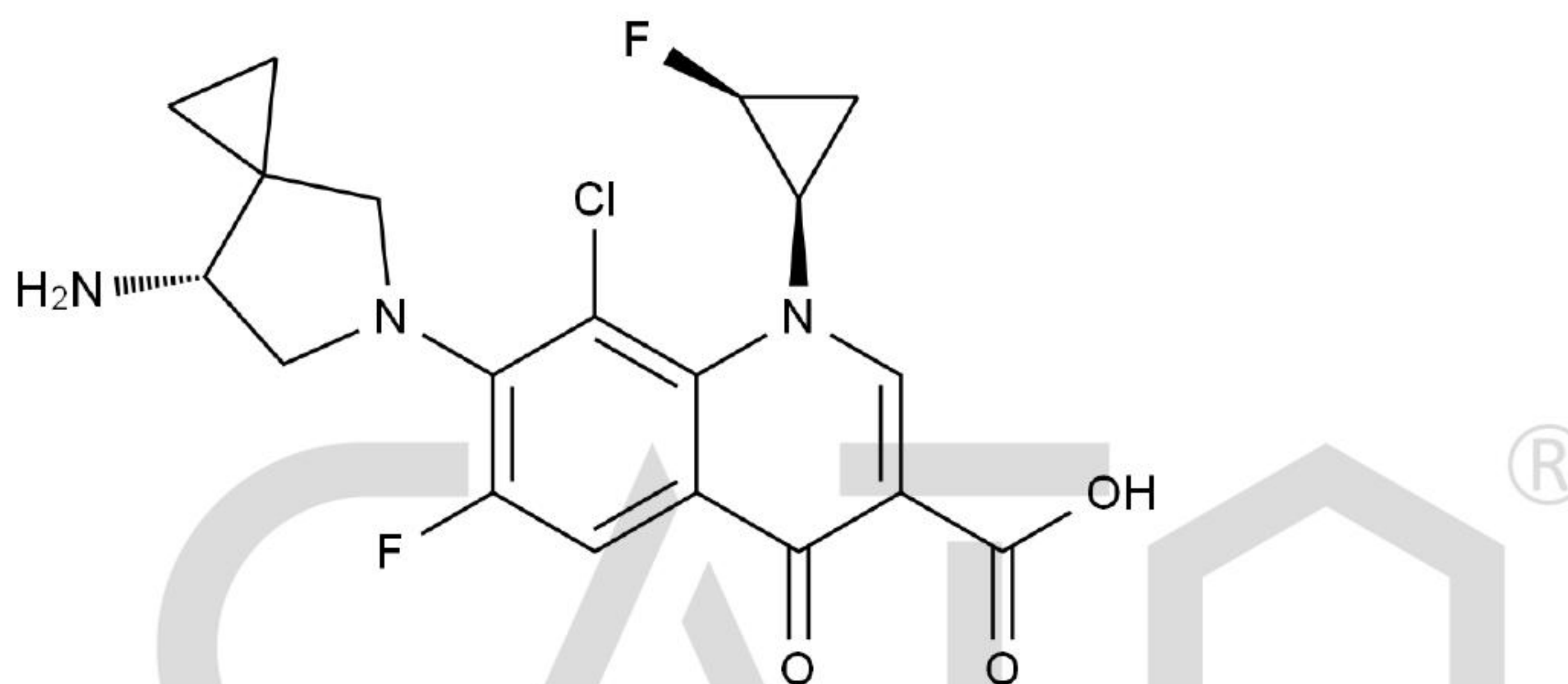


Certificate of Analysis

Reference Material & Standard

Product Name:	Sitafloxacin Isomer Impurity 9(RRS)	Catalogue Number:	C4X-11559
Synonyms:	N/A	Lot Number:	0408-RG-0086
CAS Number:	127254-10-8	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		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.993%
Loss On Drying	TGA	2.5084%
Assay		96.5%

Comment:

The calculation of the 100% 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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Apr 14, 2025

Date: Apr 14, 2025

Date: Apr 14, 2025

