

Certificate of Analysis

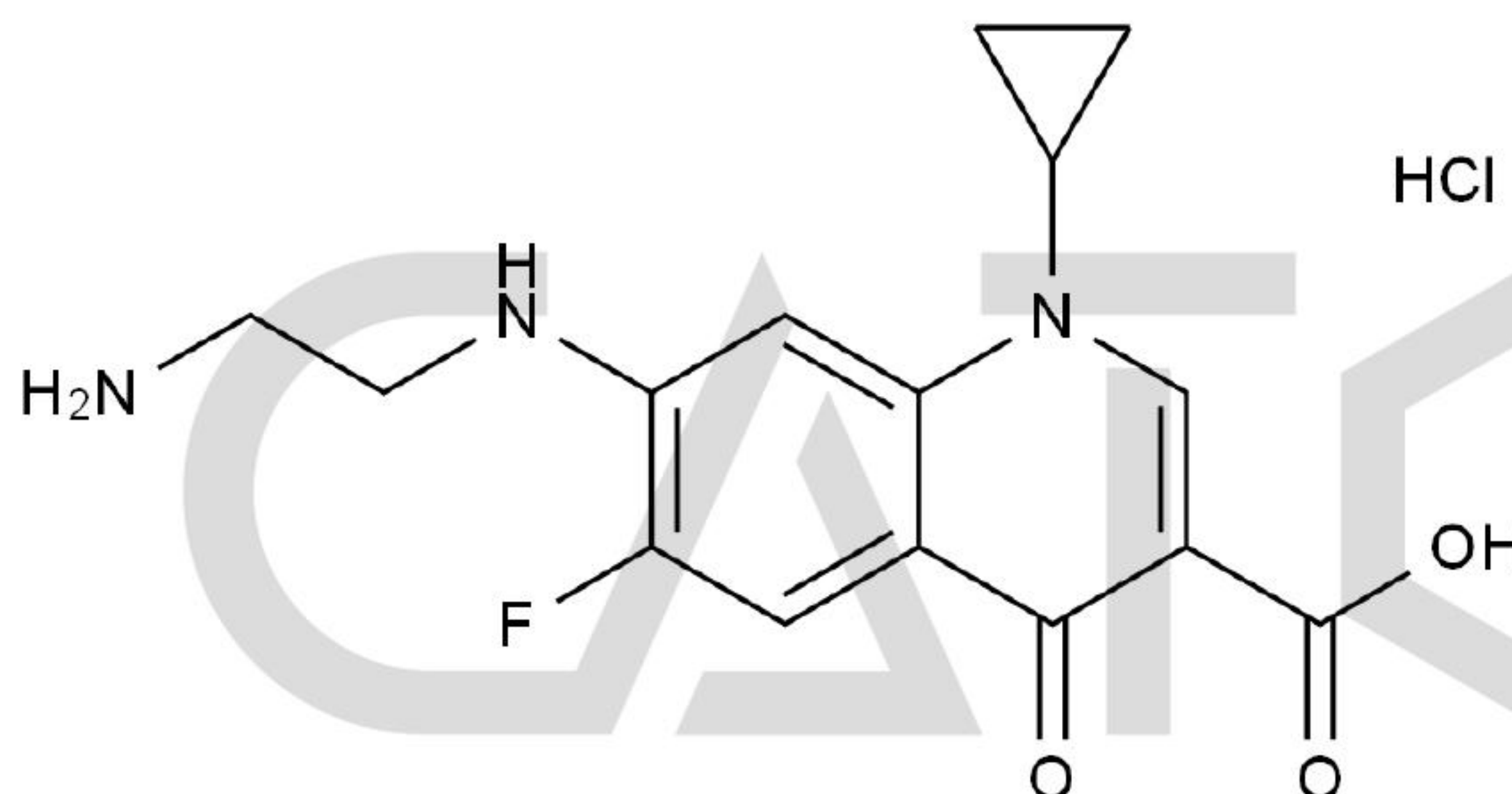
Reference Material & Standard

Product Name:	Ciprofloxacin EP Impurity C HCl(Enrofloxacin EP Impurity G HCl)	Catalogue Number:	C4X-13623
Synonyms:	Desethylene Ciprofloxacin HCl	Lot Number:	0910-RG-0013
CAS Number:	528851-31-2	Expiry Date:	Sep 14, 2029
Molecular Formula:	C ₁₅ H ₁₆ FN ₃ O ₃ HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	305.30 36.46		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.403%
Water Content	Karl Fischer	0.1412%
Assay		99.3%

Comment:

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

Assay (%) = (100% - Water Content) * Purity HPLC (%) / 100%

Water Content 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: Sep 15, 2025

Date: Sep 16, 2025

Date: Sep 16, 2025



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