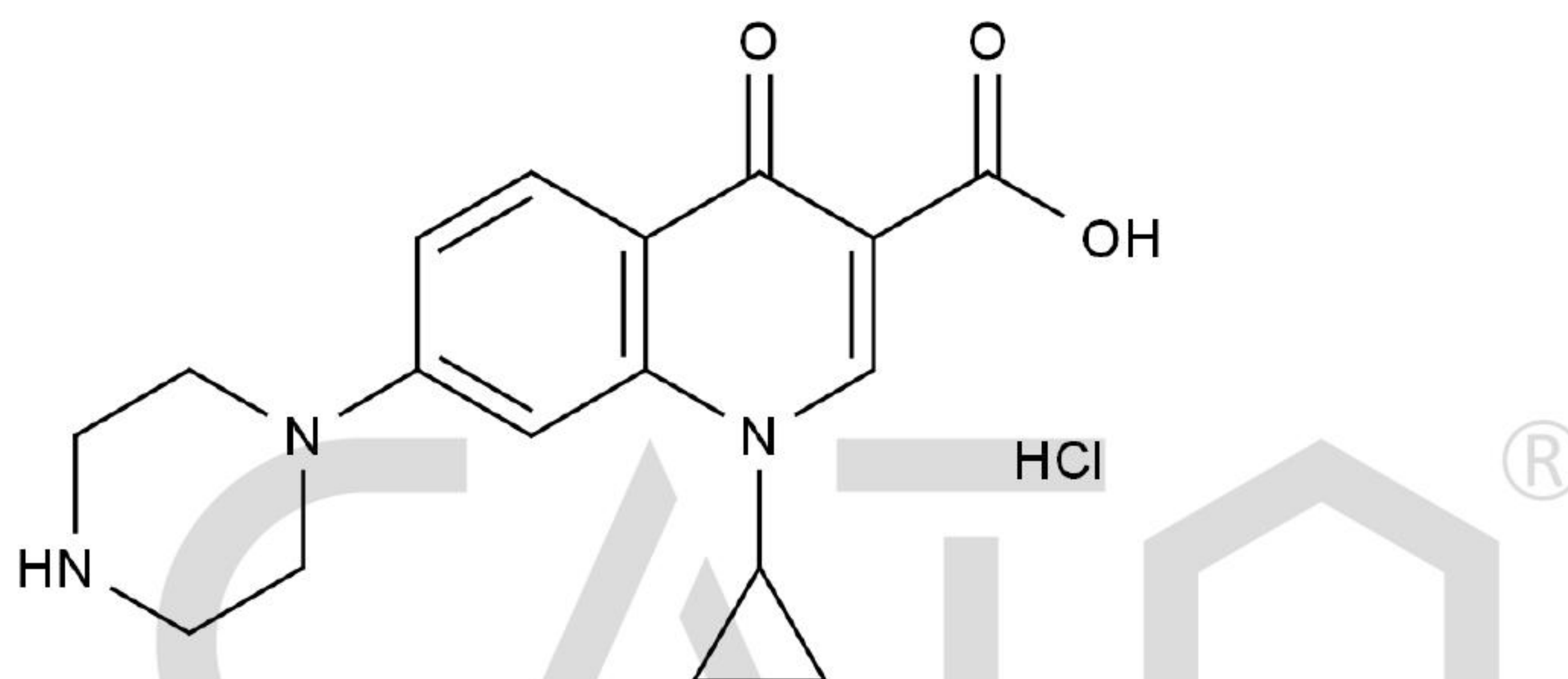


Certificate of Analysis

Reference Material & Standard

Product Name:	Ciprofloxacin EP Impurity B(HCl)	Catalogue Number:	C4X-13622
Synonyms:	N/A	Lot Number:	0808-RG-0070
CAS Number:	2727369-47-1	Expiry Date:	Aug 11, 2029
Molecular Formula:	C ₁₇ H ₁₉ N ₃ O ₃ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	313.35 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.290%
Loss On Drying	TGA	6.9225%
Assay		92.4%

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: Aug 12, 2025

Date: Aug 12, 2025

Date: Aug 12, 2025

