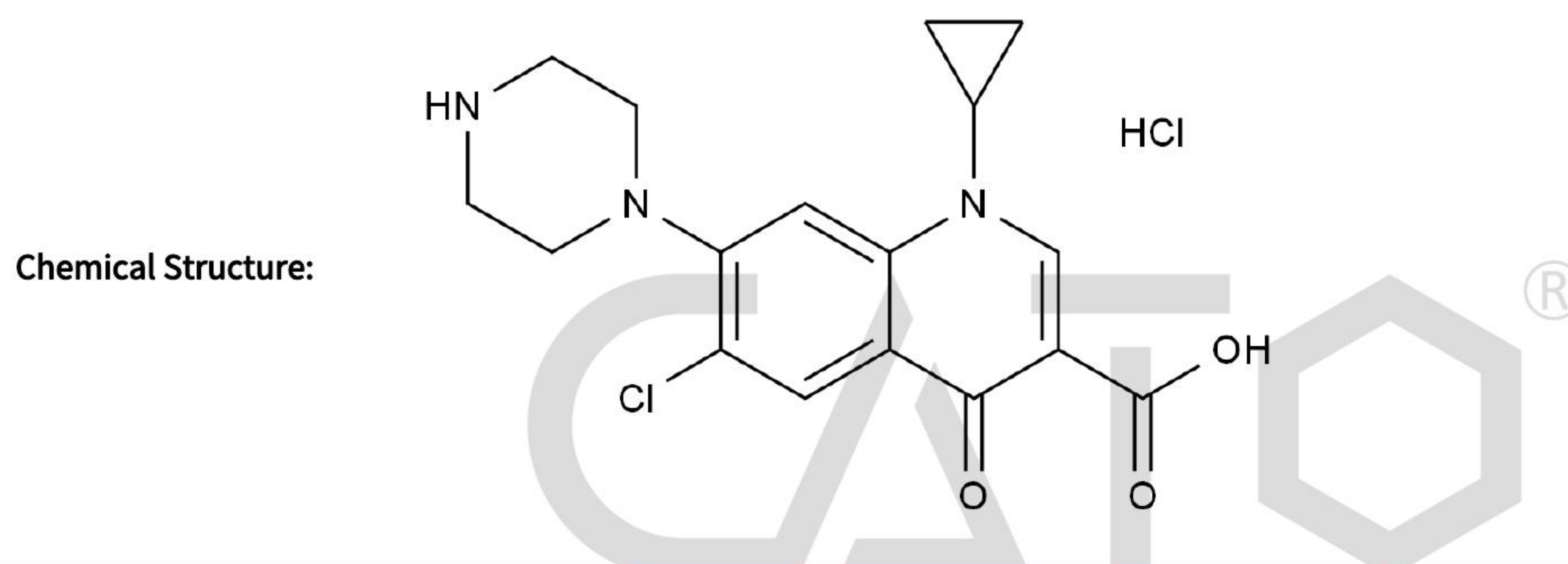


Certificate of Analysis

Reference Material & Standard

Product Name:	6-Chloro-6-defluoro Ciprofloxacin HCl	Catalogue Number:	C4X-136225
Synonyms:	N/A	Lot Number:	0309-RC-0025
CAS Number:	N/A	Expiry Date:	Mar 14, 2023
Molecular Formula:	C ₁₇ H ₁₈ ClN ₃ O ₃ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	347.80 36.46		



Test Items	Method	Results
Appearance	Visual inspection	Pale Pink Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.8377%
Water Content	Karl Fischer	1.5%
Residual Solvents	NMR	Not detected in NMR
Residue on Ignition	Muffle Furnace	0.1%
Assay		98.2%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents - Residue on Ignition) * Purity HPLC (%) / 100%

Water Content, Residual Solvents and Residue on Ignition are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Debia

Reviewed by:

Debia

Approved by General Manager:

David

Date: Mar 09, 2021

Date: Mar 10, 2021

Date: Mar 10, 2021



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