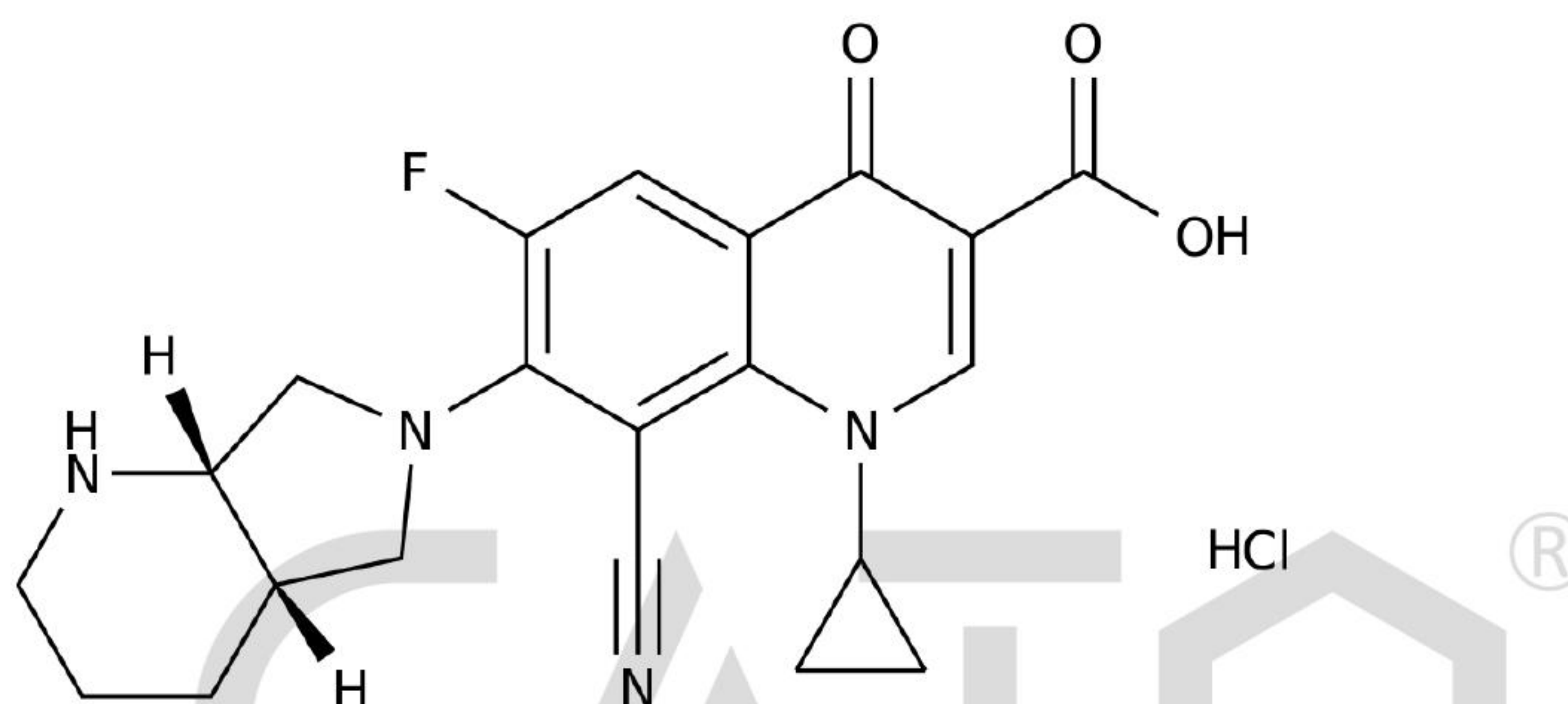


Certificate of Analysis

Reference Material

Product Name:	Pradofloxacin (Veraflox) HCl	Catalogue Number:	C4X-2516
Chemical Name:	N/A	Lot Number:	0518-RD-0001
CAS Number:	195532-14-0	Expiry Date:	May 06, 2025
Molecular Formula:	C ₂₁ H ₂₁ FN ₄ O ₃ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	396.41 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.8903%
Water Content	Karl Fischer	0.3%
Residual Solvents	NMR	Not detected in NMR
Optical Rotation		$[\alpha]_{D25.0}(c=0.58, H_2O)$: -82.6°
Assay		99.6%

Comment:

The calculation of the 100% method follows the formula:

$Assay (\%) = (100\% - Water\ Content - Residual\ Solvents) * Purity\ HPLC (\%) / 100\%$

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

Signature:

Prepared by:

Hinlam

Reviewed by:

Cady

Aporoved by General manager:

David

Date: May 09, 2022

Date: May 20, 2022

Date: May 20, 2022

