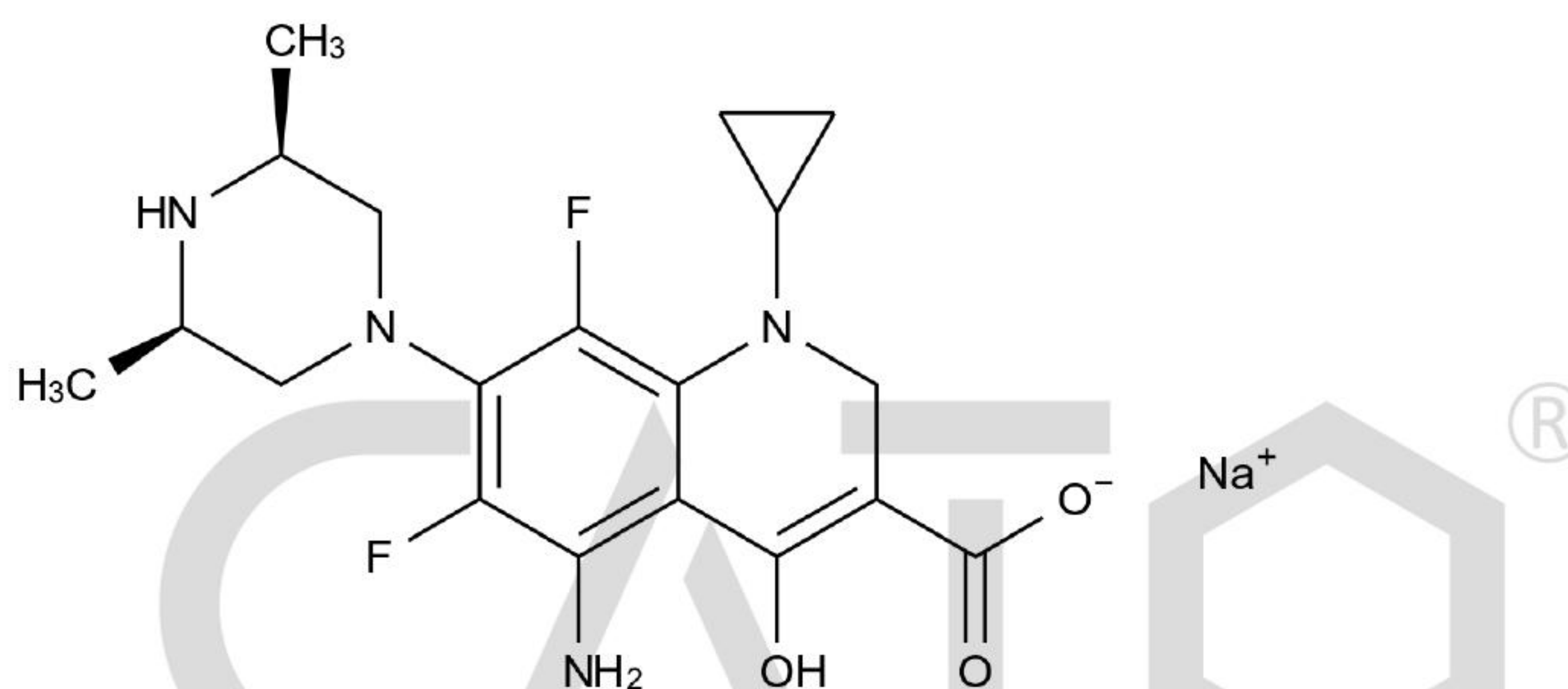


Certificate of Analysis

Reference Material & Standard

Product Name:	Sparfloxacin Impurity 3 Sodium Salt	Catalogue Number:	C4X-21133
Synonyms:	N/A	Lot Number:	0422-RF-0001
CAS Number:	1348790-48-6 (free acid)	Expiry Date:	Oct 10, 2025
Molecular Formula:	C ₁₉ H ₂₃ F ₂ N ₄ O ₃ Na	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	393.41 22.99		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	98.7%
Assay	qNMR	87.0%

Comment:

Assay was determined by quantitative ¹H-NMR.

The compound contains 0.4% Sparfloxacin Sodium Salt (RT 6.03) according to its HPLC.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Aproved by General Manager:

David

Date: Apr 22, 2024

Date: Apr 22, 2024

Date: Apr 22, 2024

