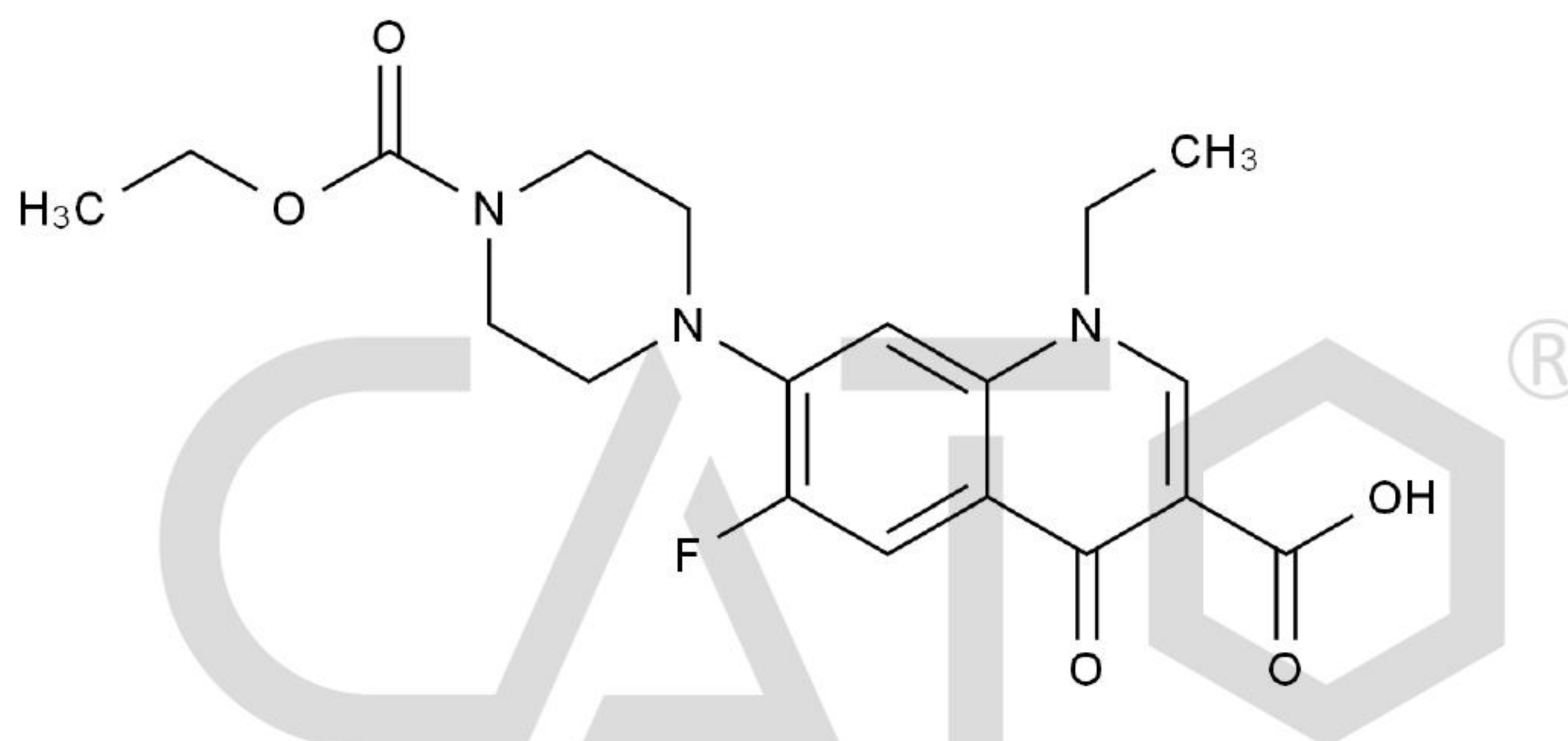


Certificate of Analysis

Reference Material & Standard

Product Name:	Norfloxacin EP Impurity H	Catalogue Number:	C4X-146813
Synonyms:	Norfloxacin Related Compound H	Lot Number:	0925-RF-0032
CAS Number:	105440-01-5	Expiry Date:	Sep 24, 2027
Molecular Formula:	C ₁₉ H ₂₂ FN ₃ O ₅	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	391.39	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	95.889%
Residue on Ignition	TGA	0.5968%
Loss On Drying	TGA	0.1004%
Assay		95.2%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are 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 05, 2025

Date: Sep 05, 2025

Date: Sep 05, 2025

