

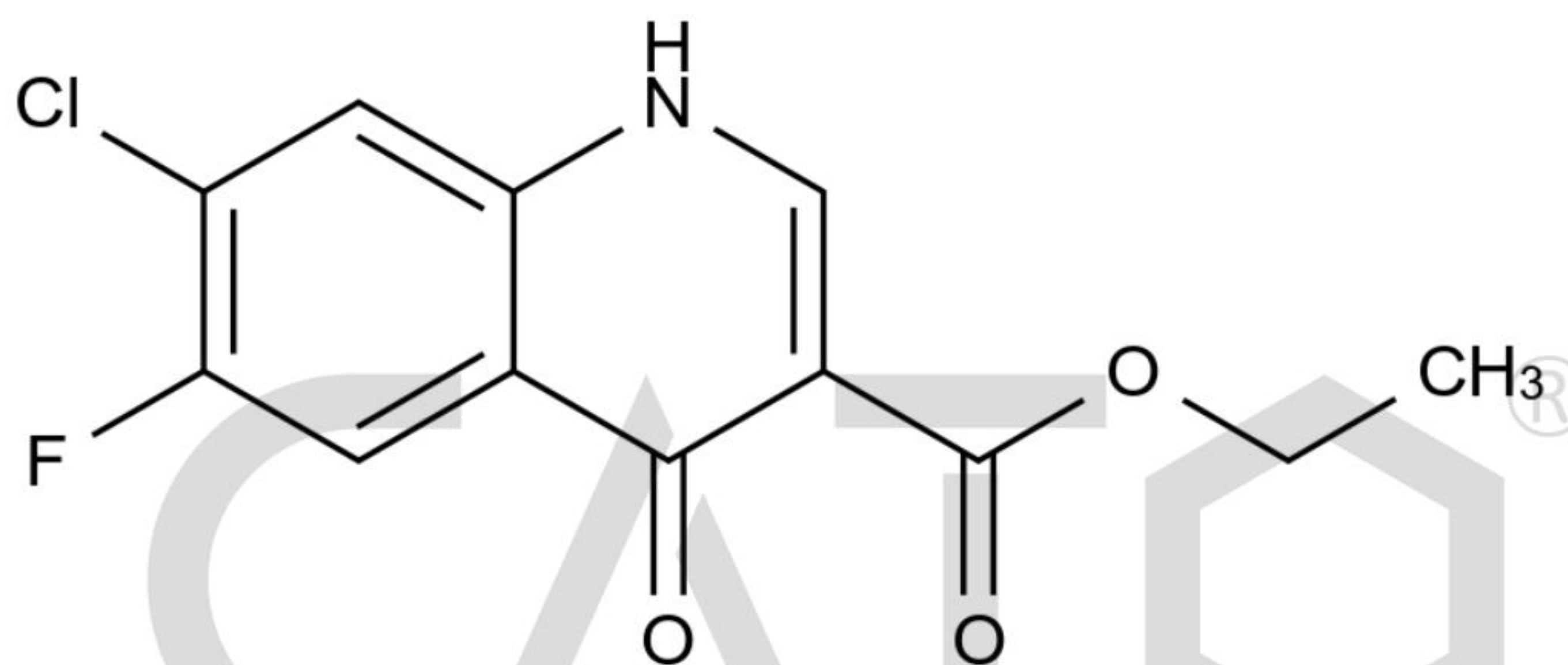
Certificate of Analysis

Reference Material & Standard

Product Name:	Norfloxacin Impurity 4	Catalogue Number:	C1884823
Synonyms:	N/A	Lot Number:	0213-RG-0091
CAS Number:	75073-15-3	Expiry Date:	Feb 20, 2028
Molecular Formula:	C ₁₂ H ₉ ClFNO ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	269.66	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.549%
Loss On Drying	TGA	0.0752%
Assay		96.5%

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: Feb 21, 2025

Date: Feb 21, 2025

Date: Feb 21, 2025

