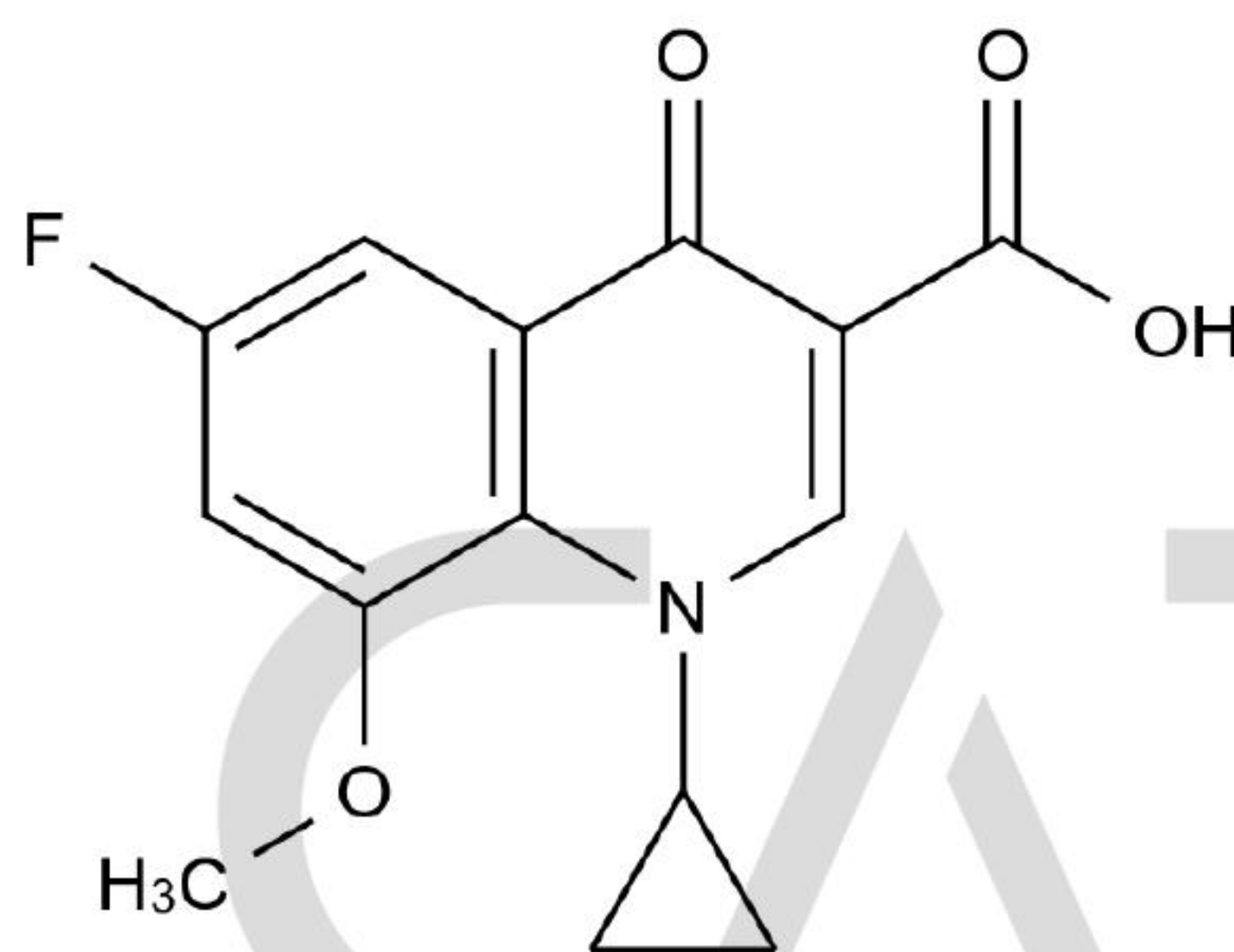


Certificate of Analysis

Reference Material & Standard

Product Name:	Nemonoxacin Impurity 54	Catalogue Number:	C4X-312854
Synonyms:	N/A	Lot Number:	1125-RF-0128
CAS Number:	269407-02-5	Expiry Date:	Nov 27, 2027
Molecular Formula:	C ₁₄ H ₁₂ FNO ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	277.25	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.1791%
Assay		99.8%

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: Nov 28, 2024

Date: Nov 29, 2024

Date: Nov 29, 2024

