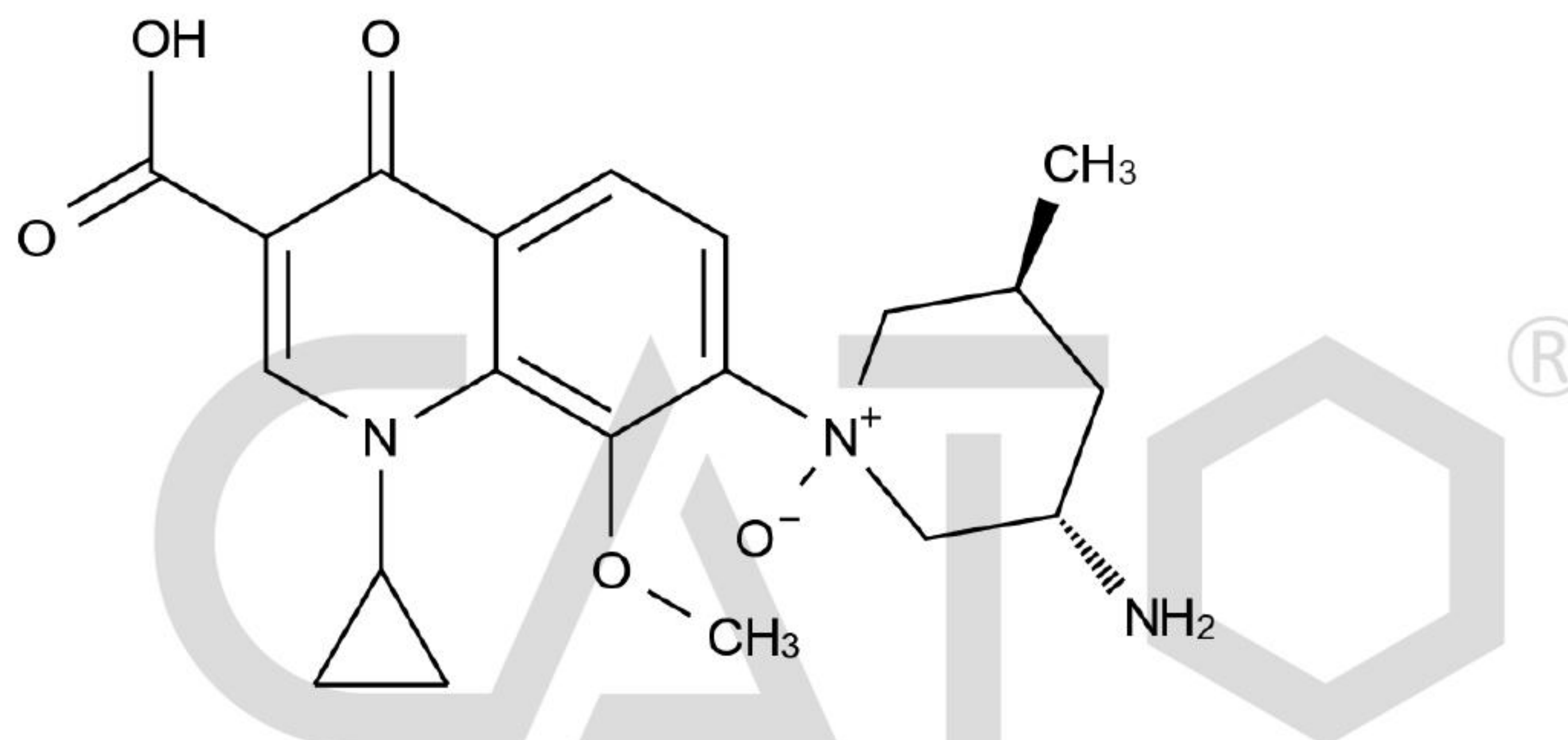


Certificate of Analysis

Reference Material & Standard

Product Name:	Nemonoxacin Impurity 46	Catalogue Number:	C4X-312846
Synonyms:	N/A	Lot Number:	0603-RG-0092
CAS Number:	N/A	Expiry Date:	Jun 23, 2027
Molecular Formula:	C ₂₀ H ₂₅ N ₃ O ₅	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	387.43	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Brown Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	95.13%
Residue on Ignition	TGA	0.1381%
Loss On Drying	TGA	1.6223%
Assay		93.5%

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: Jun 24, 2025

Date: Jun 24, 2025

Date: Jun 24, 2025

