

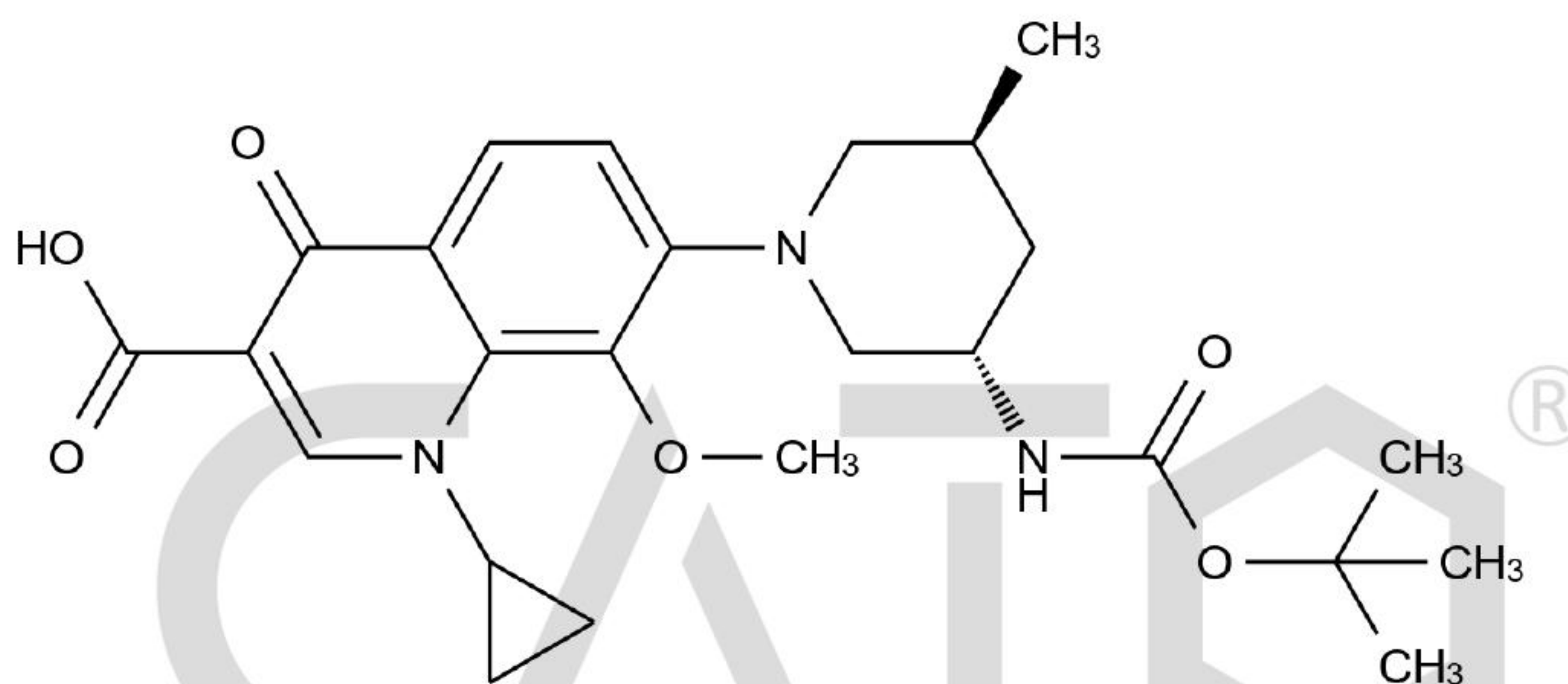
Certificate of Analysis

Reference Material & Standard

Product Name:	Nemonoxacin Impurity 33	Catalogue Number:	C4X-312833
Synonyms:	N/A	Lot Number:	1030-RF-0054
CAS Number:	951313-25-0	Expiry Date:	Oct 27, 2027
Molecular Formula:	C ₂₅ H ₃₃ N ₃ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	471.55	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.813%
Residue on Ignition	TGA	0.2168%
Loss On Drying	TGA	0.8587%
Assay		98.7%

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: May 28, 2025

Date: May 28, 2025

Date: May 28, 2025

