

Certificate of Analysis

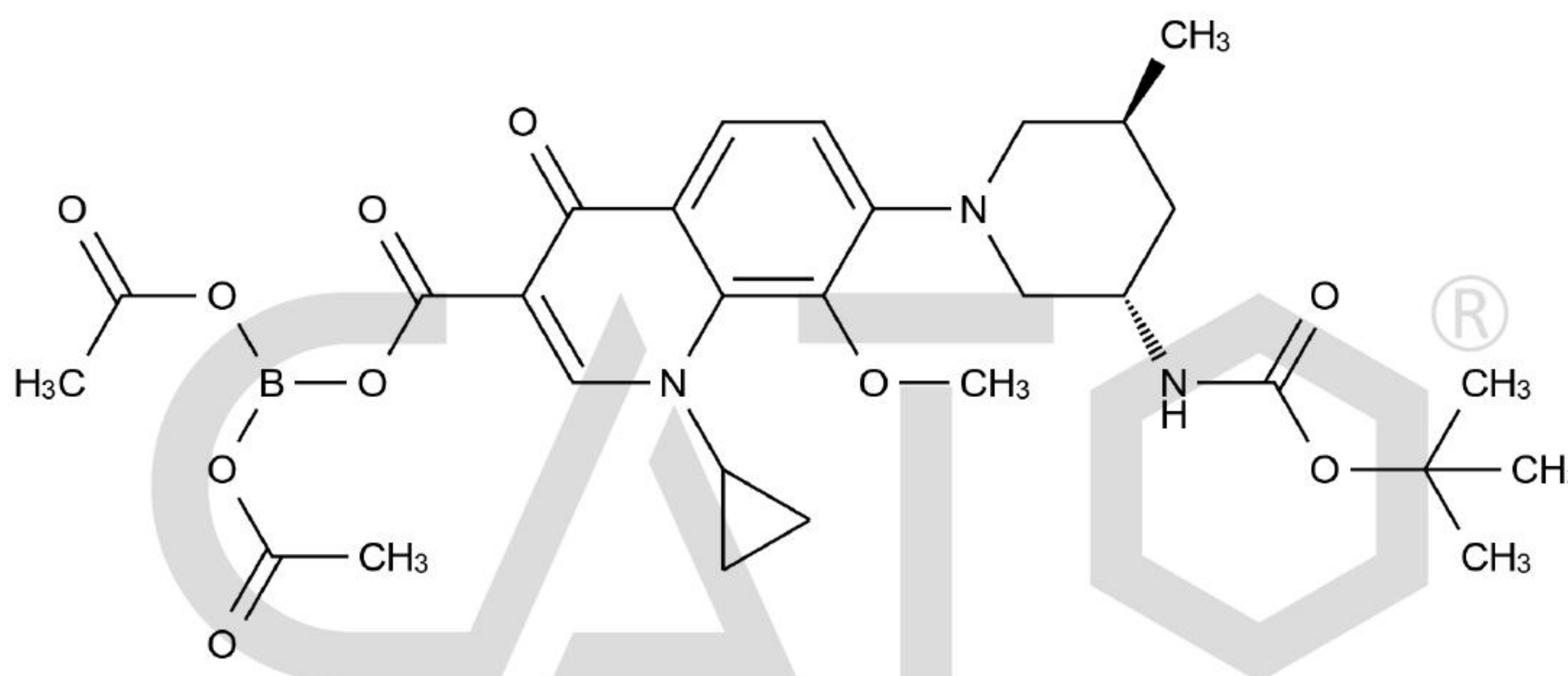
Reference Material & Standard

Product Name:	Nemonoxacin Impurity 60	Catalogue Number:	C4X-312860
Synonyms:	N/A	Lot Number:	0831-RH-0045
CAS Number:	N/A	Expiry Date:	Sep 02, 2030
Molecular Formula:	C ₂₉ H ₃₈ BN ₃ O ₁₀	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	599.44	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	94.548%
Loss on Drying	TGA	2.8054%
Assay		91.9%

Comment:

The calculation of the mass balance 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:

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Date: Sep 03, 2026

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