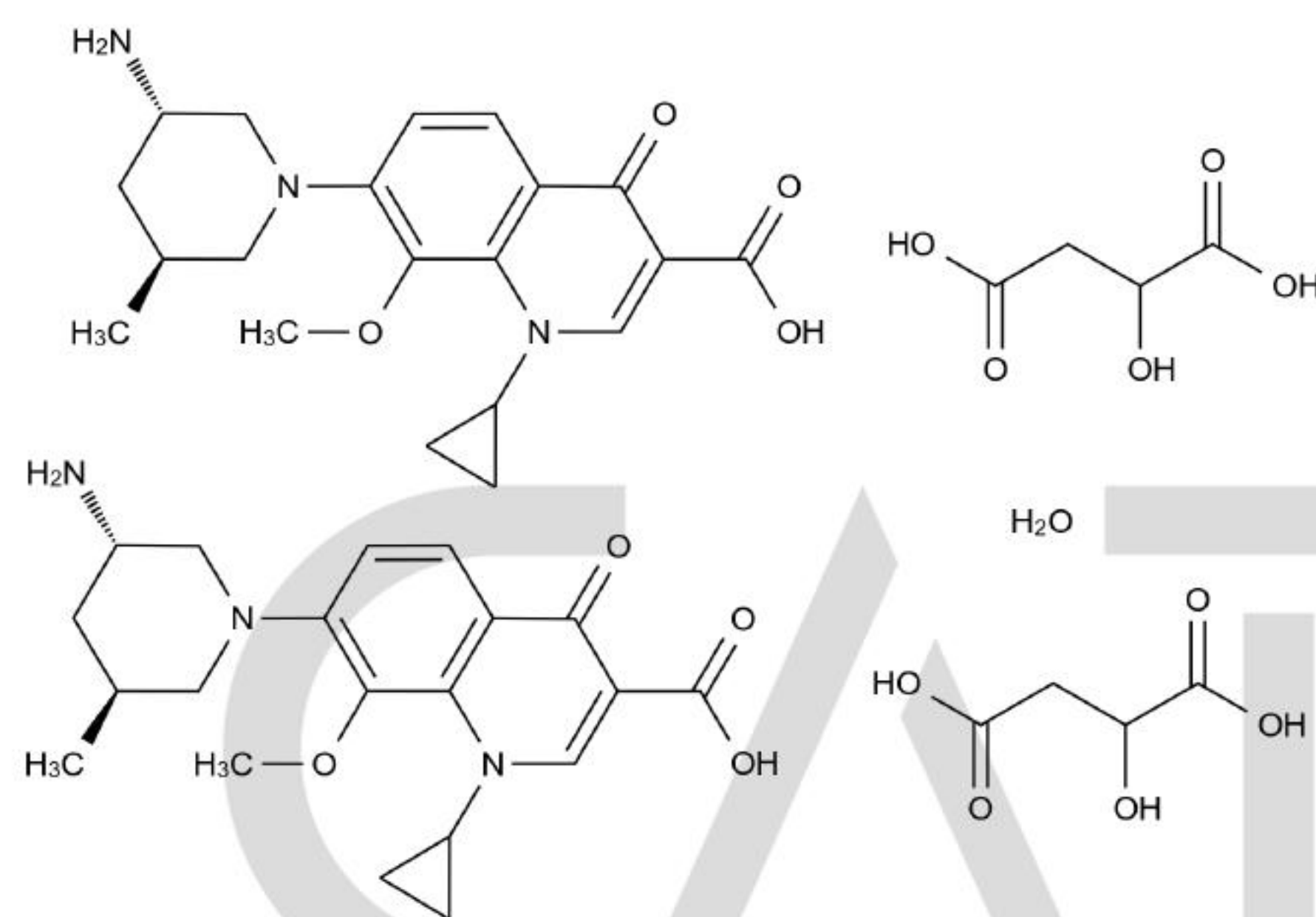


Certificate of Analysis

Reference Material & Standard

Product Name:	Nemonoxacin Malate 1/2H ₂ O	Catalogue Number:	C4X-312895
Synonyms:	N/A	Lot Number:	0910-RG-0040
CAS Number:	951313-26-1	Expiry Date:	Sep 16, 2029
Molecular Formula:	2*C ₂₀ H ₂₅ N ₃ O ₄ 2*C ₄ H ₆ O ₅ H ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	2*371.43 2*134.09 18.02	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Residue on Ignition	TGA	0.0361%
Loss On Drying	TGA	1.8119%
Loss On Drying(Free Water)		0.0608%
Assay		99.9%

Comment:

- The content of crystal water is 1.7511%.
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss On Drying(Free Water)}) * \text{Purity HPLC (\%)} / 100\%$$
Residue on Ignition and Loss On Drying(Free Water) are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 20, 2026

Date: Jul 20, 2026

Date: Jul 20, 2026

Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>



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