

Certificate of Analysis

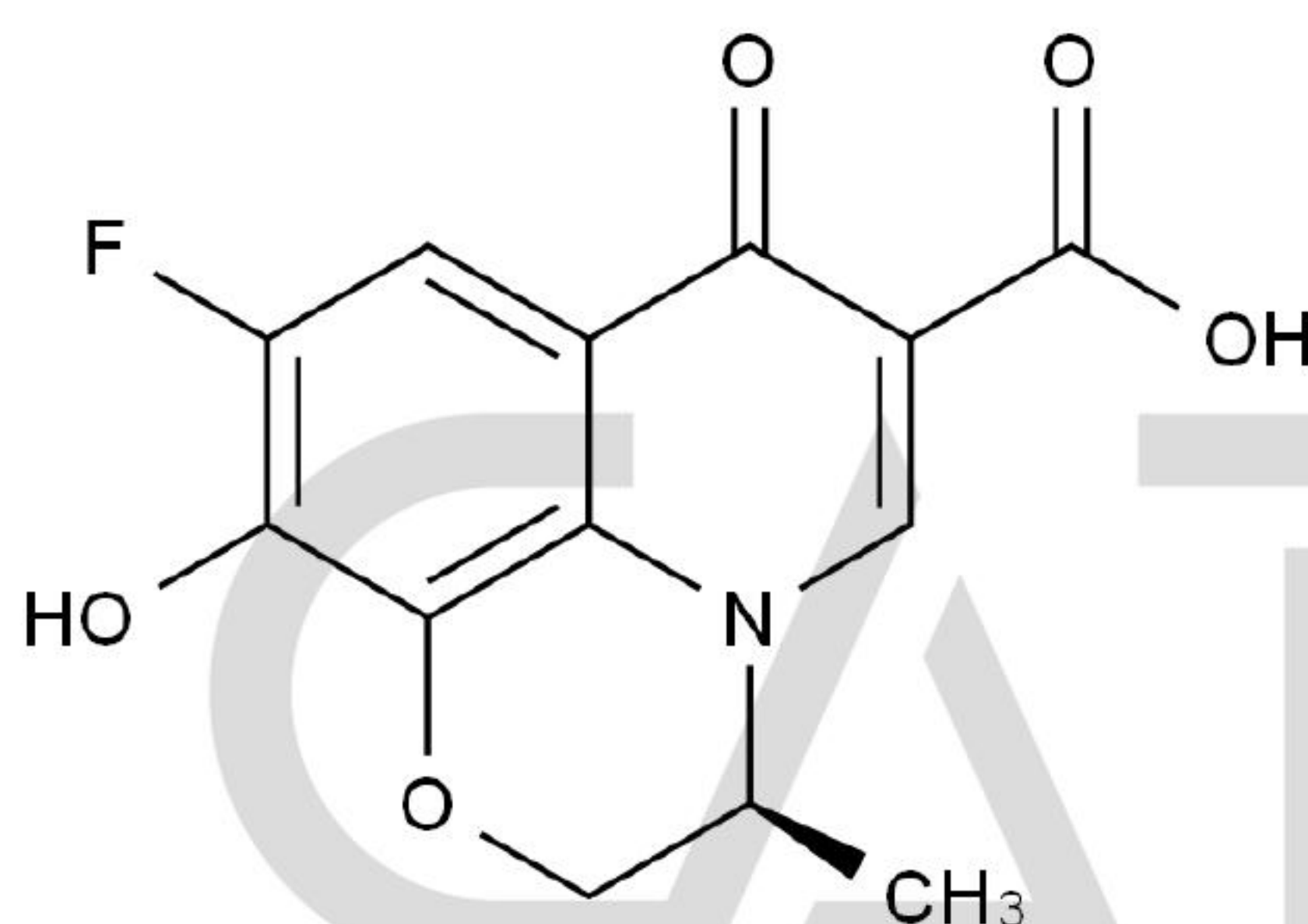
Reference Material & Standard

Product Name:	Levofloxacin Impurity 20	Catalogue Number:	C4X-137120
Synonyms:	N/A	Lot Number:	0916-RG-0072
CAS Number:	2206360-62-3	Expiry Date:	Sep 17, 2029
Molecular Formula:	C ₁₃ H ₁₀ FNO ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	279.22		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.624%
Loss On Drying	TGA	0.3511%
Assay		97.3%

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:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Sep 18, 2025

Date: Sep 18, 2025

Date: Sep 18, 2025



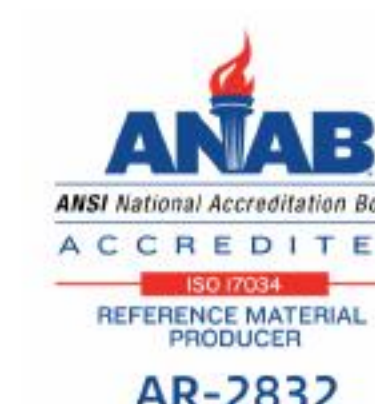
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

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

Page 1 of 6



Official WeChat