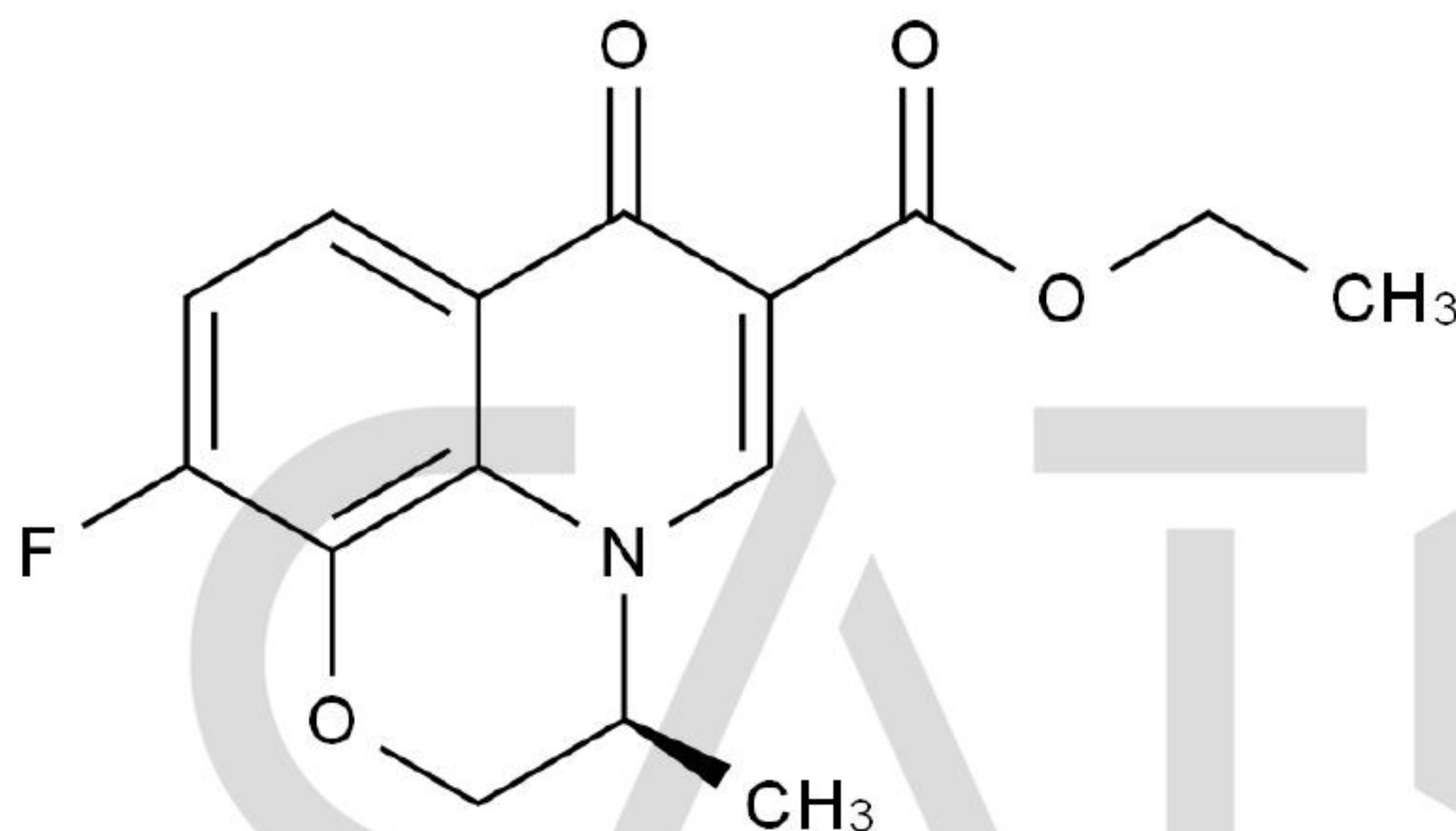


Certificate of Analysis

Reference Material & Standard

Product Name:	Levofloxacin Impurity 18	Catalogue Number:	C4X-137118
Synonyms:	N/A	Lot Number:	0808-RG-0063
CAS Number:	431058-46-7	Expiry Date:	Aug 07, 2029
Molecular Formula:	C ₁₅ H ₁₄ FNO ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	291.27	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.9461%
Loss On Drying	TGA	0.318%
Assay		96.6%

Comment:

The calculation of the 100% 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:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Aug 11, 2025

Date: Aug 11, 2025

Date: Aug 11, 2025

