

Certificate of Analysis

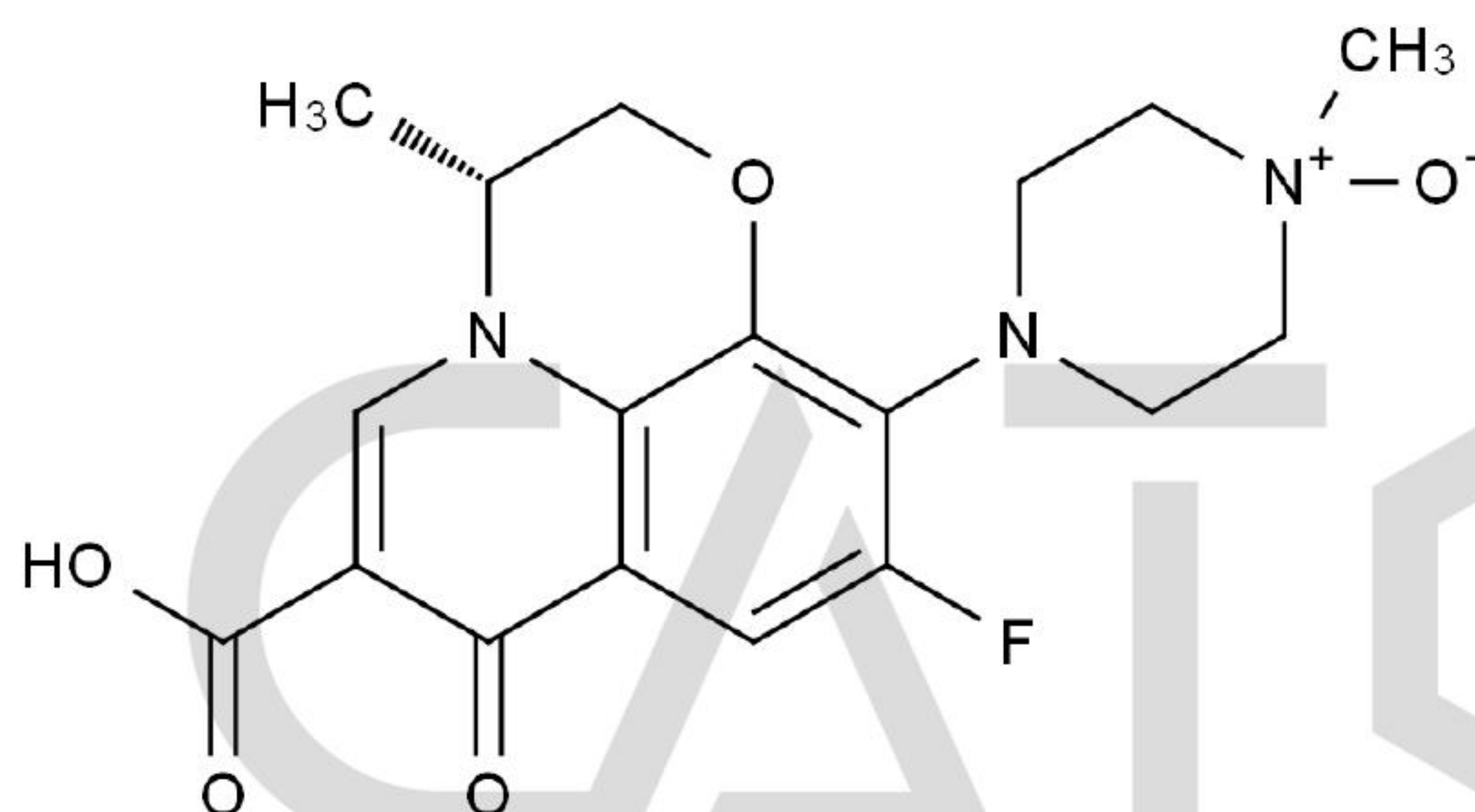
Reference Material & Standard

Product Name:	(R)-Levofloxacin N-Oxide	Catalogue Number:	CP105522
Synonyms:	N/A	Lot Number:	0313-RH-0082
CAS Number:	117678-37-2	Expiry Date:	Mar 18, 2030
Molecular Formula:	C ₁₈ H ₂₀ FN ₃ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	377.37	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.203%
Loss On Drying	TGA	3.5154%
Assay		93.8%

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: Mar 19, 2026

Date: Mar 19, 2026

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