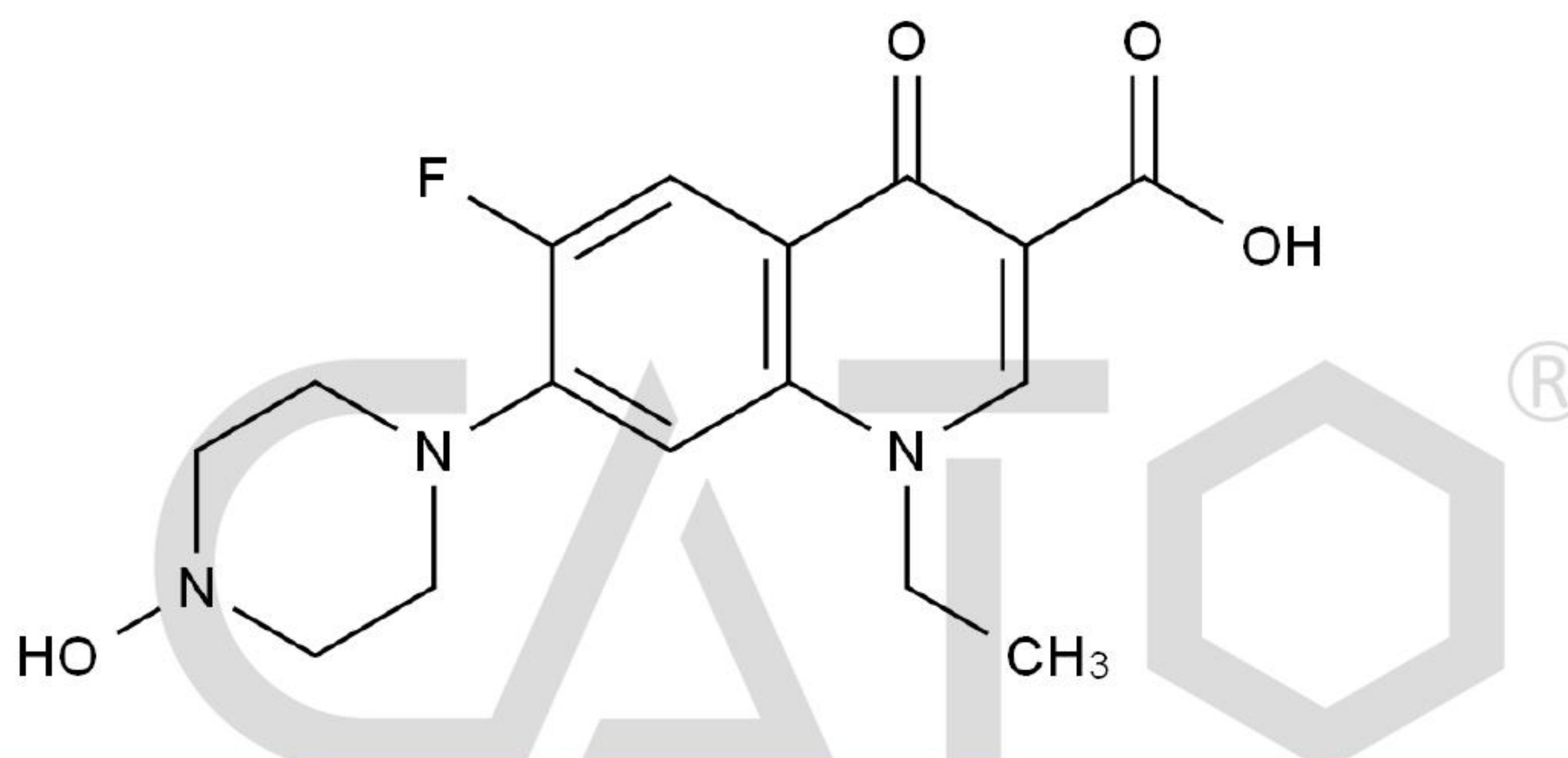


Certificate of Analysis

Reference Material & Standard

Product Name:	Norfloxacin Impurity 22	Catalogue Number:	C4X-146822
Synonyms:	N/A	Lot Number:	0806-RH-0095
CAS Number:	109142-49-6	Expiry Date:	Aug 12, 2030
Molecular Formula:	C ₁₆ H ₁₈ FN ₃ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	335.33	Shipping Condition:	Shipping at Room Temperature
Solubility:	DMSO		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	93.250%
Loss on Drying	TGA	0.1834%
Assay		93.1%

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: Aug 13, 2026

Date: Aug 13, 2026

Date: Aug 13, 2026



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