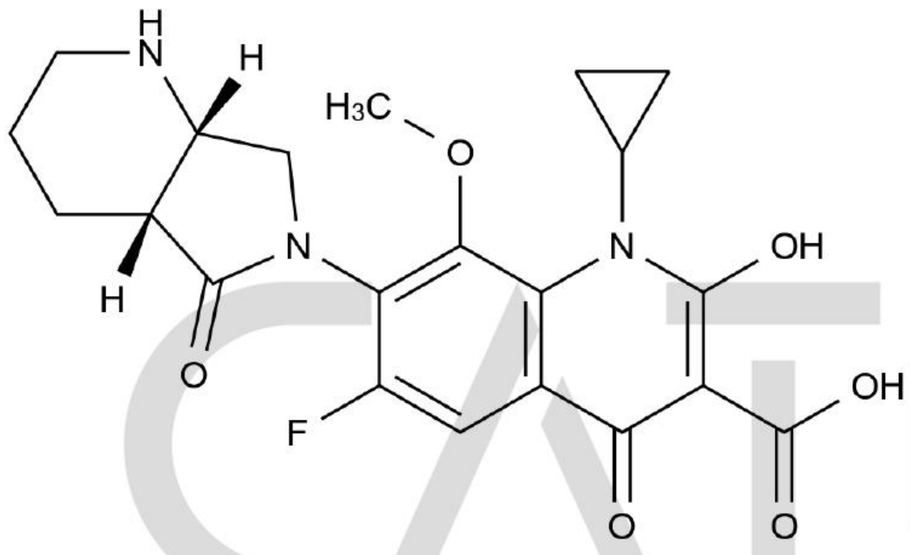
Certificate of Analysis

Reference Material & Standard

Product Name:	Moxifloxacin Impurity RC-4	**Catalogue Number:**	C4X-107459
Synonyms:	N/A	**Lot Number:**	1020-RH-0067
CAS Number:	N/A	**Expiry Date:**	Oct 14, 2030
Molecular Formula:	$C_{21}H_{22}FN_3O_6$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	431.41	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White to Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.2%
Assay	qNMR	94.1%

CATO Research Chemicals Inc.

Signature:

Prepared by: Date: Oct 21, 2026

Reviewed by: Date: Oct 21, 2026

Approved by General Manager: Date: Oct 21, 2026

CATO Research Chemicals Inc.

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ANAB ANSI National Accreditation Board ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER AR-2832

ISO 9001:2000 SYSTEM CERTIFICATION SGS

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