



CERTIFICATE OF ANALYSIS

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1. Identification

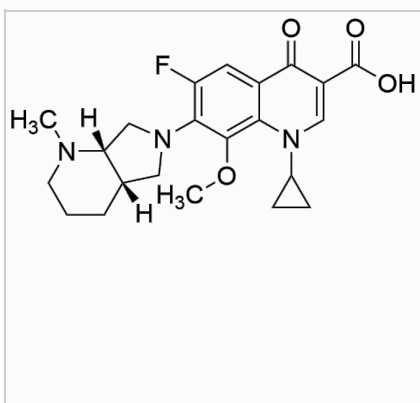
Catalogue Number: M221824

CAS Number: 721970-37-2

Product: N-Methyl Moxifloxacin

Synonym: 1-Cyclopropyl-6-fluoro-8-methoxy-7-((4aS,7aS)-1-methyloctahydro-6H-pyrrolo[3,4-b]pyridin-6-yl)-4-oxo-1,4-dihydroquinoline-3-carboxylic Acid;

Structure:



Molecular Formula:

C₂₂H₂₆FN₃O₄

Molecular weight:

415.46

Source of Product:

N/A

Solubility:

Chloroform (Slightly), DMSO (Sparingly), Methanol (Slightly)

Lot Number: 18-SBL-87-1

Purity: 97%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Yellow to Light Yellow Solid	Light Yellow Solid
F NMR	Conforms to Structure	Conforms
NMR	Conforms to Structure	Conforms
Specific Rotation	Report Result	-180.9° (c = 0.2, Chloroform)
HPLC Purity	Report Result	97.30% (300 nm)
Elemental Analysis	Conforms	%C: 63.45, %H: 6.38, %N: 10.20
C NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Evan Burns	Nicole Yip	Chanell Chu	9/10/2021	9/8/2025
				