

CERTIFICATE OF ANALYSIS

(Certificate No. KMM171060-01)

Release Date: 21/04/2025

Re-test Date: 20/04/2028

NITROSO-MOXIFLOXACIN

Identification

Chemical Name :

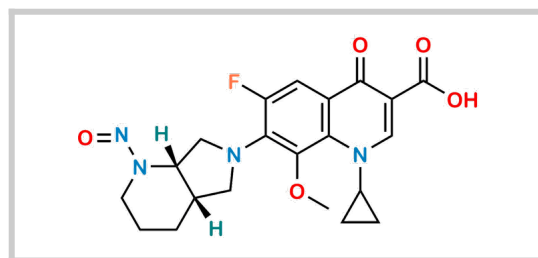
1-Cyclopropyl-6-fluoro-8-methoxy-7-((4aS,7aS)-1-nitrosooctahydro-6H-pyrrolo[3,4-b]pyridin-6-yl)-4-oxo-1,4-dihydroquinoline-3-carboxylic acid

CAT No. : KMM171060

CAS No. : Not Available

Molecular Formula : C₂₁H₂₃FN₄O₅

Molecular Weight : 430.4



Analytical Information

Batch No. : M171060-091-340

Description : Light Yellow Solid

HPLC Purity : 99.59 %

Weight Loss By TGA : 0.47 %

% Potency : 99.12 %

Solubility : ACN : Water (8:2)

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.47(Weight Loss By TGA)] x [99.59(HPLC Purity)]/100 = 99.12 %

Recommendation : Released

| | Department | Name | Signature | Date |
|------------------------|-----------------|-------------|-----------|------------|
| Prepared By | Analytical | Parag Patel | | 21/04/2025 |
| Reviewed & Approved By | Quality Control | Jatin Patel | | 21/04/2025 |

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA