

CERTIFICATE OF ANALYSIS

(Certificate No. KMC009037-01)

Release Date: 09/09/2024

Re-test Date: 08/09/2027

N-NITROSO-CIPROFLOXACIN

Identification

Chemical Name :

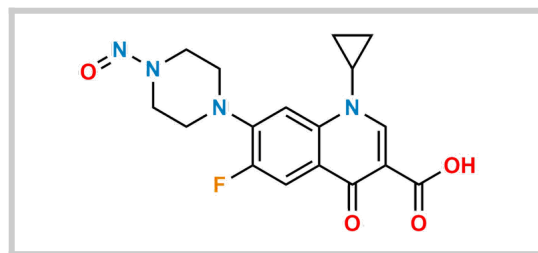
1-Cyclopropyl-6-fluoro-7-(4-nitrosopiperazin-1-yl)-4-oxo-1,4-dihydroquinoline-3-carboxylic acid

CAT No. : KMC009037

CAS No. : 864443-44-7

Molecular Formula : C₁₇H₁₇FN₄O₄

Molecular Weight : 360.3



Analytical Information

Batch No. : CIP-N-NO-045-025

Description : Light Yellow Solid

HPLC Purity : 95.74 %

Weight Loss By TGA : 0.76 %

% Potency : 95.01 %

Solubility : 0.1N NaOH

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 - 0.76(Weight Loss By TGA)] x [95.74(HPLC Purity)]/100 = 95.01 %

-Re-tested on 09.09.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		12/06/2025
Reviewed & Approved By	Quality Control	Jatin Patel		12/06/2025

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