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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2023

Re-test Date: Dec 2025

Product Name: N-Nitroso Ciprofloxacin

Identification:

Chemical Name: 1-cyclopropyl-6-fluoro-7-(4-nitrosopiperazin-1-yl)-4-oxo-1,4-dihydroquinoline-3-carboxylic acid

Synonyms : NA

CAS Number : 864443-44-7

CAT Number : CP-C22010

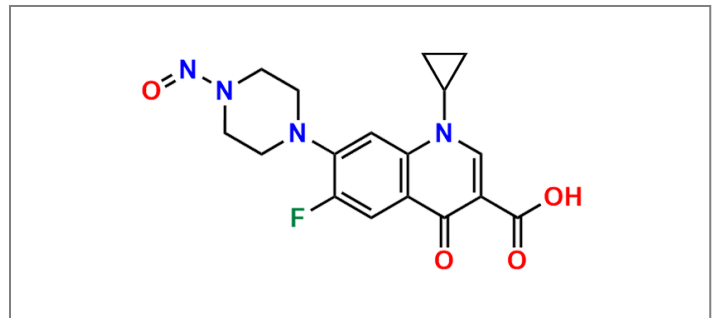
Molecular Formula : C₁₇H₁₇FN₄O₄

Molecular Weight : 360.34

Batch Number : CHEM-NIT-CIP

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White To Off White Solid
2)	Solubility	Soluble in 0.1% Perchloric Acid in ACN/DMSO/ACN:H ₂ O:NH ₃ (7:2:1)
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	93.97%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.274%
8)	Potency by TGA	93.69%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.