

Certificate of Analysis

Catalogue Number

KL-06-00047

Lot Number

KLP0079AJ01

Structure
Product Name

N-Nitroso Ciprofloxacin

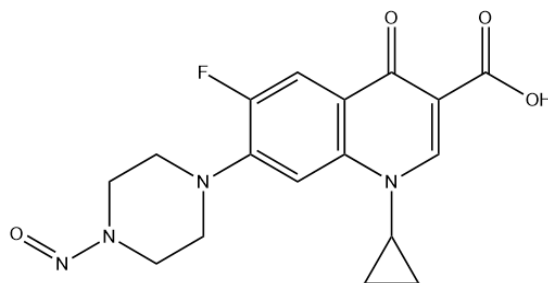
Synonyms

1-Cyclopropyl-6-fluoro-7-(4-nitrosopiperazin-1-yl)-4-oxo-1,4-dihydroquinoline-3-carboxylic Acid; 1-Cyclopropyl-6-fluoro-1,4-dihydro-7-(4-nitroso-1-piperazinyl)-4-oxo-3-quinolinecarboxylic Acid;

CAS Number

864443-44-7

Molecular Formula

C₁₇H₁₇FN₄O₄

Molecular Weight

360.34 g/mol

Mfg. Date

22-11-2025

Re-Test Date

21-11-2028

Shipping Condition

All Product are stable to be shipped at room temperature, unless otherwise specified.

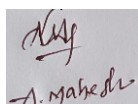
Long Term Storage Conditions

2°C ~ 8°C Protected from light and Sealed

Analytical Information

Test	Specifications	Results
Appearance	White Solid	White Solid
Solubility	Soluble in DMSO, Methanol	Conforms
Purity by HPLC	Not less than 90.00%	99.05%
Identification by ¹ HNMR	Conforms to structure	Complies
Identification by Mass	Conforms Molecular Weight	Complies
Identification by IR	Conform functional groups	Complies
Weight Content By TGA	Not specified	0.436%
Residue of Ignition By TGA	Not specified	0.000%
Potency	Not specified	98.62%

Prepared by



Reviewed & Approved by



Note: Use for research & analytical purpose only. Not for human consumption

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