

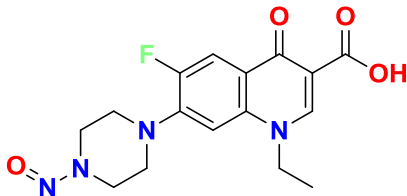


COMMITTED FOR CHEMISTRY

SYNCHEMIA RESEARCH CHEMICAL

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CERTIFICATE OF ANALYSIS

Product Name: Norfloxacin Nitroso Impurity 1		
CAS NO: NA		
Batch No: SRC-133-AL-012		SRC CAT NO: SRC-N014060
Date of Analysis: 28 Feb 2023		
Retest Date: 28 Feb 2025		
Structure: <div></div>		
Chemical Name		1-ethyl-6-fluoro-7-(4-nitrosopiperazin-1-yl)-4-oxo-1,4-dihydroquinoline-3-carboxylic acid
Molecular Formula		C ₁₆ H ₁₇ FN ₄ O ₄
Molecular Weight		348.33
Sr. No.	Test	Result
1)	Description	NA
2)	Solubility	Solubility in DMSO, Methanol
3)	Identification 1. Mass 2. ¹ H NMR	Confirm to structure Confirm to structure
4)	Purity by HPLC	Above 95%
Long Term Storage condition		Store at 2 ⁰ to 8 ⁰ c
Shipping Condition		Ambient
Note: This is only for Analytical testing purpose, not for Human or Animal Consumption.		
Note: Norfloxacin Nitroso Impurity 1 is a highly toxic organic compound and a suspected human carcinogen. Handle the material carefully with proper safety measures		
	Signature	Date
CheckedBy		
ApprovedBy		

