



COMMITTED FOR CHEMISTRY

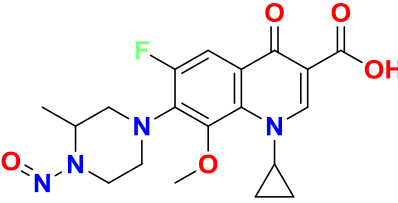
SYNCHEMIA RESEARCH CHEMICAL

Plot No.408, Prakash Industries, 1st Floor, Bhare Phata, Tal- Mulshi, Dist- Pune, Pune-412115, Maharashtra India.

Mob.No - 9404317505 / 7276018915 . Website : <http://www.synchemia.com>

info@synchemia.com | sales@synchemia.com | export@synchemia.com

CERTIFICATE OF ANALYSIS

Product Name: N-Nitroso Gatifloxacin Impurity 2		
CAS NO: NA		
Batch No: SRC-130-SJ-052	SRC CAT NO: SRC-N014065	
Date of Analysis: 28 Feb 2023		
Retest Date: 28 Feb 2025		
Structure:		
		
Chemical Name	1-cyclopropyl-6-fluoro-8-methoxy-7-(3-methyl-4-nitrosopiperazin-1-yl)-4-oxo-1,4-dihydroquinoline-3-carboxylic acid	
Molecular Formula	C ₁₉ H ₂₁ FN ₄ O ₅	
Molecular Weight	404.40	
Sr. No.	Test	Result
1)	Description	NA
2)	Solubility	Solubility in DMSO, Methanol
3)	Identification	
	1. Mass	Confirm to structure
	2. 1H NMR	Confirm to structure
4)	Purity by HPLC	Above 95%
Long Term Storagecondition	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: N-Nitroso Gatifloxacin Impurity 2 is a highly toxic organic compound and a suspected human carcinogen. Handle the material carefully with proper safety measures		
	Signature	Date
CheckedBy		
ApprovedBy		

