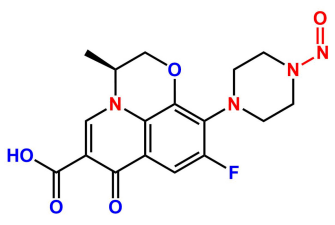


CERTIFICATE OF ANALYSIS

Date: 27-12-2024

Product Name	N-Nitroso Levofloxacin Impurity 1		
Chemical Name	(S)-9-fluoro-3-methyl-10-(4-nitrosopiperazin-1-yl)-7-oxo-3,7-dihydro-2H-[1,4]oxazino[2,3,4-ij]quinoline-6-carboxylic acid		
Structure	 <p>The chemical structure shows a quinoline core with a methyl group at position 3, a fluorine atom at position 8, and a carboxylic acid group at position 6. The quinoline ring is fused to a piperazine ring at position 10, which has a nitroso group (-NO) attached to its nitrogen atom. The quinoline ring is also fused to an oxazino ring at position 2.</p>		
Inv. Status	In Stock	CAS No.	1152314-62-9
Analysis Date	-	Retest Date	-
Mol. Formula	C ₁₇ H ₁₇ FN ₄ O ₅	Molecular Wt.	376.34
Long term Storage Condition	Store at 2-8 °C in well closed container		
Handling and Transit Condition	25-30 °C in well closed container		

Test	Result
Appearance	-
Solubility	-
¹ H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%

Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.

	Prepared By	Checked By	Approved By
Signature			
Date			

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