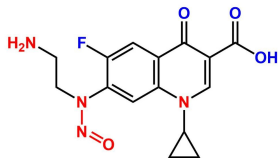


CERTIFICATE OF ANALYSIS

Date: 21-11-2024

Product Name	N-Nitroso Enrofloxacin Impurity G		
Chemical Name	7-((2-aminoethyl)(nitroso)amino)-1-cyclopropyl-6-fluoro-4-oxo-1,4-dihydroquinoline-3-carboxylic acid		
Structure	 <p>The chemical structure shows a quinolone ring system. At position 1, there is a cyclopropyl group. At position 2, there is a nitroso group (-N=O) attached to a nitrogen atom, which is also bonded to a 2-aminoethyl group (-CH2-CH2-NH2). At position 3, there is a carboxylic acid group (-COOH). At position 6, there is a fluorine atom. The quinolone ring has a carbonyl group at position 4.</p>		
Inv. Status	-	CAS No.	NA
Analysis Date	-	Retest Date	-
Mol. Formula	C ₁₅ H ₁₅ FN ₄ O ₄	Molecular Wt.	334.3
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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