



## CERTIFICATE OF ANALYSIS



Date: 12-02-2026

Product Name	<b>Moxifloxacin N-Methyl Analog</b>		
Chemical Name	1-cyclopropyl-6-fluoro-8-methoxy-7-[(4aS,7aS)-1-methyloctahydro-6H-pyrrolo[3,4-b]pyridin-6-yl]-4-oxo-1,4-dihydroquinoline-3-carboxylic acid		
Structure	<p>The chemical structure shows a complex heterocyclic system. It features a 6-fluoro-8-methoxy-7-oxo-4-oxo-1,4-dihydroquinoline-3-carboxylic acid core. Attached to the 1-position of the quinoline ring is a (4aS,7aS)-1-methyloctahydro-6H-pyrrolo[3,4-b]pyridin-6-yl group. A cyclopropyl group is attached to the 6-position of the pyridine ring. A hydrochloric acid (H-Cl) counterion is shown to the right.</p>		
Batch No.	-	CAS No.	1350716-67-4
Analysis Date	-	Retest Date	11
Mol. Formula	C <sub>22</sub> H <sub>26</sub> FN <sub>3</sub> O <sub>4</sub> : HCl	Molecular Wt.	415.5:36.5
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	-
1H-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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