

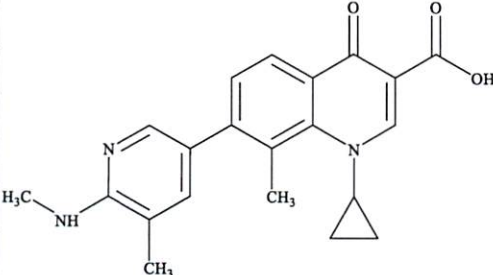
Certificate of Analysis

Certificate No.: **20250625021**



Date: June 25, 2025

Retest date: June 12, 2028

Compound Name: Ozenoxacin	
Synonyms:	1-cyclopropyl-8-methyl-7-(5-methyl-6-(methylamino)pyridin-3-yl)-4-oxo-1,4-dihydroquinoline-3-carboxylic acid
TLC Catalogue Number:	O-061001
CAS Number:	245765-41-7
Alternate CAS Number:	1338559-07-1 (Potassium salt)
Molecular Weight:	363.42
Molecular Formula:	C ₂₁ H ₂₁ N ₃ O ₃
Source:	TLC Pharmaceutical Standards
Source Lot No.:	6834-080A1
Storage Conditions:	Store at 2-8 °C
Solubility:	DMSO, Acidic solution, Alkaline solution



Test Description	Specifications	Results
Visual Description	Off-white solid	Conforms
Identification		
IR	Conforms to structure	Conforms
MS	Conforms to structure	Conforms
¹ H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	99.5%
Impurity (HPLC)	RT 0.80, 0.43%	
Water Content (KF)	N/A	0.2%
Residue (TGA at 900 °C)	N/A	0.1%
Residual Solvents (NMR)	0.5% methanol and 0.3% acetonitrile	
Assay (%)	Not less than 90.0%	98.4%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/25/2025
Approved by:	Quality Assurance		06/25/2025

Attachments: Peak Attribution Table, HPLC, IR, MS, NMR and TGA spectra.