CERTIFICATE OF ANALYSIS

(Certificate No. KMM171023-01)

Release Date: 11/04/2025 **Re-test Date:** 10/04/2028

Moxifloxacin EP Impurity H

Identification

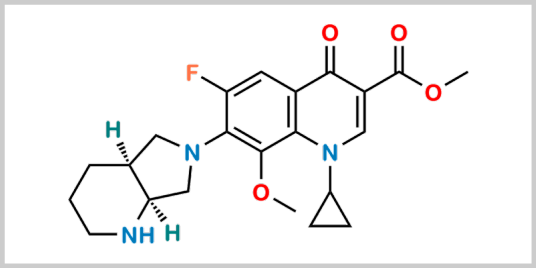
Chemical Name :
Methyl 1-cyclopropyl-6-fluoro-8-methoxy-7-[(4aS,7aS)-octahydro-6H-pyrrolo[3,4-b]pyridin-6-yl]-4-oxo-1,4-dihydroquinoline-3-carboxylate.

CAT No. : KMM171023

CAS No. : 721970-35-0

Molecular Formula : C22H26FN3O4

Molecular Weight : 415.5



Analytical Information

Batch No.	: M171023-091-320	**Solubility**	: Acetonitrile
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 98.48 %	**IR**	: Confirm
Weight Loss By TGA	: 3.06 %	**1H NMR**	: Confirm
% Potency	: 95.47 %		

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 3.06(Weight Loss By TGA)] x [98.48(HPLC Purity)]/100 = 95.47 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		21/04/2025
Reviewed & Approved By	Quality Control	Jatin Patel		21/04/2025

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA