CERTIFICATE OF ANALYSIS

(Certificate No. KMM171016-02)

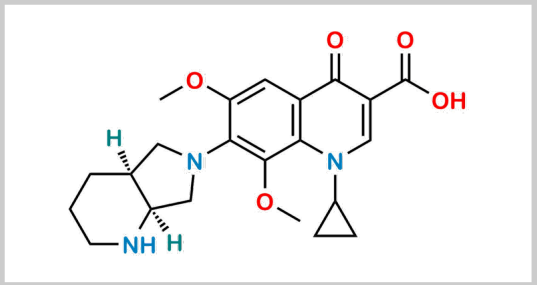
Release Date: 05/02/2026 **Re-test Date:** 04/02/2029

Moxifloxacin EP Impurity B

Identification

Chemical Name :
1-cyclopropyl-6,8-dimethoxy-7-[(4aS,7aS)-octahydro-6H-pyrrolo[3,4-b]pyridin-6-yl]-4-oxo-1,4-dihydroquinoline-3-carboxylic acid

Alt. Name	: Moxifloxacin Dimethoxy Analog
CAT No.	: KMM171016
CAS No.	: 1029364-73-5
Molecular Formula	: C22H27N3O5
Molecular Weight	: 413.5



Analytical Information

Batch No.	: M171016-114-060	**Solubility**	: Water
Description	: Yellow Solid	**Mass**	: Confirm
HPLC Purity	: 93.79 %	**IR**	: Confirm
Weight Loss By TGA	: 2.20 %	**1H NMR**	: Confirm
% Potency	: 91.73 %		

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 - 2.20(Weight Loss By TGA)] x [93.79(HPLC Purity)]/100 = 91.73 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		05/02/2026
Reviewed & Approved By	Quality Control	Jatin Patel		05/02/2026

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