

CERTIFICATE OF ANALYSIS

(Certificate No. KMM171016-02)

Release Date:

Re-test Date:

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

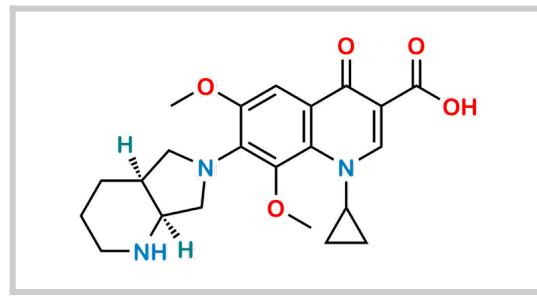
Alt. Name : Moxifloxacin Dimethoxy Analog

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 : Should be Confirm

HPLC Purity : 93.79 %

IR : Should be Confirm

Weight Loss By TGA : 2.20 %

1H NMR : Should be 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 %

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		13/01/2026
Reviewed & Approved By	Quality Control	Jatin Patel		13/01/2026