

## **Certificate of Analysis**

## Moxifloxacin

Cat. No.: HY-66011A

CAS No.: 151096-09-2

Batch No.: 315904

Chemical Name: 3-Quinolinecarboxylic acid, 1-cyclopropyl-6-fluoro-1,4-dihydro-8-methoxy-7-[(4aS,7aS)-octahyd

ro-6H-pyrrolo[3,4-b]pyridin-6-yl]-4-oxo-

## PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:control_equation} \mbox{Molecular Formula:} \qquad \qquad \mbox{$C_{21}$H$}_{24}\mbox{$FN_3O_4$}$ 

Molecular Weight: 401.43

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to yellow (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 99.39%

**Conclusion:** The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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