Certificate of Analysis

Moxifloxacin (Hydrochloride)

Cat. No.: HY-66011

CAS No.: 186826-86-8

Batch No.: 11701

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-, hydrochloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₂₁H₂₅ClFN₃O₄

Molecular Weight: 437.89

Storage: 4°C, sealed storage, away from moisture and light

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

light)

Chemical Structure:

NHH N F O O O

ANALYTICAL DATA

Appearance: Light yellow to green yellow (Solid)

LCMS: Consistent with structure

Purity (LCMS): 99.75%

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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