

## **Certificate of Analysis**

## Nemonoxacin (malate)

Cat. No.: HY-111023
CAS No.: 951163-60-3
Batch No.: 281873

Chemical Name: Butanedioic acid, 2-hydroxy-, compd. with 7-[(3S,5S)-3-amino-5-methyl-1-piperidinyl]-1-cyclopr

opyl-1,4-dihydro-8-methoxy-4-oxo-3-quinolinecarboxylic acid (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{24}H_{31}N_3O_9$ Molecular Weight: 505.52

**Storage:** 4°C, sealed storage, away from moisture

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

**Chemical Structure:** 

## ANALYTICAL DATA

Appearance: White to off-white (Solid)

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

LCMS: Consistent with structure

Purity (LCMS): 99.43%

**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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