## **Certificate of Analysis**

## Norfloxacin-d5

Cat. No.: HY-B0132S
CAS No.: 1015856-57-1
Batch No.: 239530

Chemical Name: 3-Quinolinecarboxylic acid, 1-(ethyl-1,1,2,2,2-d5)-6-fluoro-1,4-dihydro-4-oxo-7-(1-piperazinyl)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{16}H_{13}D_5FN_3O_3$ 

Molecular Weight: 324.36

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 off-white (Solid)

Purity: ≥99.0%
Isotopic Enrichment: 99.67%

**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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