Inhibitors

Certificate of Analysis

Pefloxacin-d5

Cat. No.: HY-B0147S CAS No.: 1228182-51-1 Batch No.: 239529

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

)-4-oxo-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{17}H_{15}D_5FN_3O_3$

Molecular Weight: 338.39

Storage: Powder -20°C 3 years

> 4°C 2 years

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

White to off-white (Solid) Appearance:

Purity (HPLC): 98.33% **Isotopic Enrichment:** 99.99%

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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