Certificate of Analysis

Fluconazole-d₄

 Cat. No.:
 HY-B0101S

 CAS No.:
 1124197-58-5

 Batch No.:
 306262

Chemical Name: $1H-1,2,4-Triazole-1-ethan-\beta,\beta-d2-ol,\ \alpha-(2,4-difluorophenyl)-\alpha-(1H-1,2,4-triazol-1-ylmethyl-d2)-\alpha-(2,4-difluorophenyl)-\alpha$

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{13}H_8D_4F_2N_6O$

Molecular Weight: 310.30

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:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 99.66%
Isotopic Enrichment: 99.17%

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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