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# **Certificate of Analysis**

# Fluphenazine-d<sub>8</sub> (dihydrochloride)

**Cat. No.:** HY-A0081S **Batch No.:** 239702

Chemical Name: Fluphenazine-d8, dihydrochloride

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{22}H_{20}D_8Cl_2F_3N_3OS$ 

Molecular Weight: 518.49

**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

MS: Consistent with structure

Purity (HPLC): 99.81%
Isotopic Enrichment: 98.98%

**Additional Information:** d6=0.04%, d7=8.07%, d8=91.89%

**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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