

Certificate of Analysis

17α-Hydroxyprogesterone-d₈

Cat. No.: HY-B0891S CAS No.: 850023-80-2 Batch No.: 263349

Chemical Name: Pregn-4-ene-3,20-dione-2,2,4,6,6,21,21,21-d8, 17-hydroxy-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{21}H_{22}D_8O_3$ 338.51 Molecular Weight:

Storage: Powder -20°C 3 years

> In solvent -80°C 6 months

> > -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

White to off-white (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.51% **Isotopic Enrichment:** 99.30%

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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