

CERTIFICATE OF ANALYSIS

1. Identification

Catalogue Number TRC-H952332

Lot Number 8-AZP-160-1

Product Name

17α-Hydroxy Progesterone-d8

Synonyms

17-Hydroxy-pregn-4-ene-3,20-dione-d8; 4-Pregnen-17α-ol-3,20-dione-d8;

CAS Number Solubility

850023-80-2 Chloroform (Slightly), Methanol

(Slightly)

Source of Product Molecular Formula

C₂₁H₂₂D₈O₃ Synthetic

Molecular Weight <u>Purity</u> 338.51 98%

2. Warnings

Not Determined

3. Analytical Information

Specifications Tests Results Appearance White to Off-White Solid White to Off-White Solid **NMR** Conforms to Structure Conforms **Elemental Analysis** Conforms %C: 74.39, %H: 9.10 **HPLC** Purity Report Result 99.90% (240 nm) MS Conforms to Structure Conforms Isotopic Purity >95% 99.3% ($d_0 = 0.00\%$)

Structure

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Shipping Condition

This Product Is Stable To Be Shipped At Room

Temperature

Long Term Storage Conditions

-20°C

Additional Information

Material was manufactured at CDN Isotopes, an affiliate of TRC

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed.

The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed by Reviewed by C of A Approved by **Test Date Retest Date** R. Letti 10/14/2021 10/12/2025 Chanell Chu Swathi Reddy Toni Rantanen Product Quality Specialist Manager, Quality Assurance Jr. Quality Assurance