

Certificate of Analysis

Alpha-Estradiol-d₂

 Cat. No.:
 HY-B0141AS1

 CAS No.:
 81586-94-9

 Batch No.:
 257095

Chemical Name: Estra-1,3,5(10)-triene-2,4-d2-3,17-diol, (17α)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{18}H_{22}D_2O_2$ Molecular Weight: 274.39

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

Purity: ≥99.0%
Isotopic Enrichment: 99.20%

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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