

Certificate of Analysis

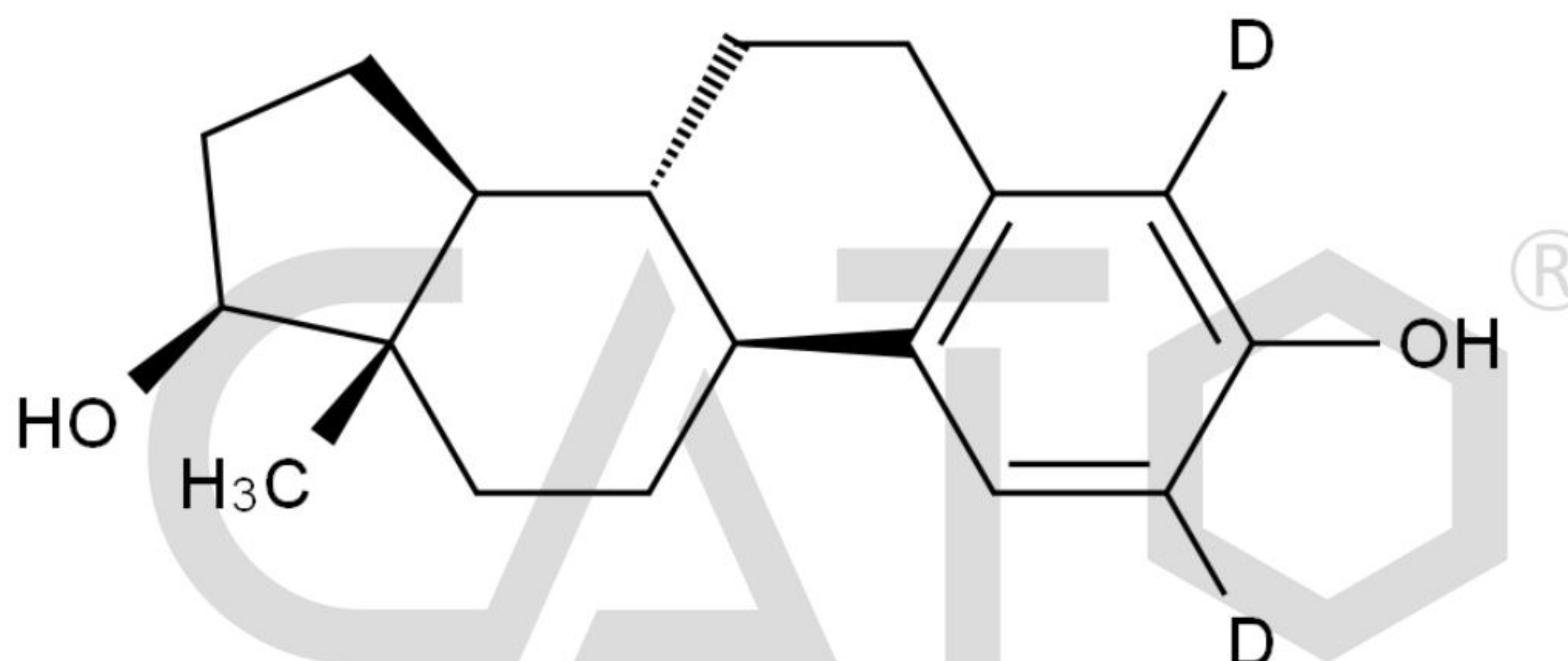
Reference Material & Standard

Product Name:	17 β -Estradiol-2,4-d ₂	Catalogue Number:	CCAD300972
Synonyms:	N/A	Lot Number:	0607-RD-0003
CAS Number:	53866-33-4	Expiry Date:	Jun 04, 2030
Molecular Formula:	C ₁₈ H ₂₂ D ₂ O ₂	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	274.39	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	99.7%
Isotopic Purity		98.0%
Uncertainty		±0.1%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Nice

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jun 05, 2026

Date: Jun 08, 2026

Date: Jun 08, 2026



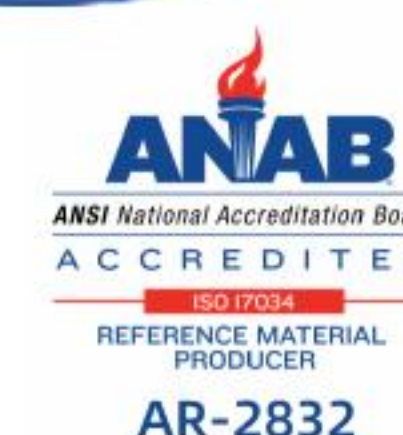
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