



1. Identification

Catalogue Number

TRC-H941895

Lot Number

6-SBT-56-1

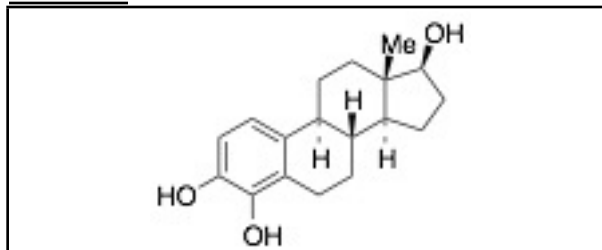
Product Name

4-Hydroxy-17 β -estradiol

Synonyms

(17 β)-ESTRA-1,3,5(10)-TRIENE-3,4,17-TRIOL; 4-HYDROXYESTRADIOL;

Structure



CAS Number

5976-61-4

Solubility

Ethanol (Slightly, Heated), Ethyl Acetate (Slightly, Heated), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₈H₂₄O₃

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

288.38

Purity

98%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

Light Yellow to Light Beige Solid

Results

Beige Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 73.19, %H: 8.43

MS

Conforms to Structure

Conforms

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. 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

Evan Burns

Reviewed by

C of A Approved by

Test Date

6/23/2021

Retest Date

6/21/2028

Evan Burns

Toni Rantanen

Chanell Chu

Product Quality Specialist

Manager, Quality Assurance

Jr. Quality Assurance