

## 1. Identification

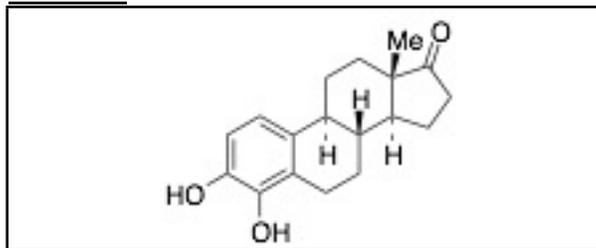
Catalogue Number

H941950

Lot Number

16-GRS-132-1

Structure



Product Name

4-Hydroxy Estrone

Synonyms

3,4-Dihydroxyestra-1,3,5(10)-trien-17-one; 3,4-Dihydroxy-1,3,5(10)-estratrien-17-one;

CAS Number

3131-23-5

Solubility

DMSO (Slightly), Ethanol (Slightly),  
Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room  
Temperature

Molecular Formula

C<sub>18</sub>H<sub>22</sub>O<sub>3</sub>

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

286.37

Purity

>95%

## 2. Warnings

Not Determined

## 3. Analytical Information

Tests

Appearance

Specifications

Pale Yellow to Light Brown Solid

Results

Light Yellow Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.18% (200 nm)

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 ± 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

Nicole Yip

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Jr. Quality Assurance

Test Date

1/17/2023

Retest Date

1/15/2027