

**1. Identification**Catalogue Number

E888000

Lot Number

3-MAK-28-1

Product Name

17b-Estradiol

Synonyms

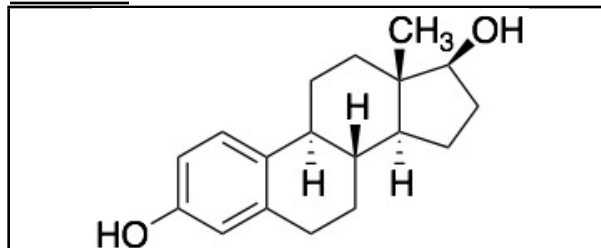
Dihydrofolliculin; (17 β)-Estra-1,3,5(10)-triene-3,17-diol; 3,17-Epidihydroxyestratriene; Cimara; Estrace; Estraderm; Estradot; Estring; Estrofem; Estrogel; Evorel; Ethinyl Estradiol Impurity D (EP)

CAS Number

50-28-2

Solubility

DMSO (Slightly), Methanol (Slightly)

StructureShipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC₁₈H₂₄O₂Source of Product

N/A

Long Term Storage Conditions

-20°C

Molecular Weight

272.38

Purity

95%

2. Warnings

Not Determined

3. Analytical InformationTests

Appearance

Specifications

White to Off-White Solid

Results

White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

Report Result

98.35% (205 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 $\pm 2\%$. 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. SignaturesReviewed by

R. L. Reddy

Reviewed by

Toni Rantanen

C of A Approved by

Chanell Chu

Test Date

4/19/2023

Retest Date

4/17/2027

Swathi Reddy

Toni Rantanen

Chanell Chu

Product Quality Specialist

Manager, Quality Assurance

Jr. Quality Assurance