

**1. Identification**Catalogue Number

K188752

Lot Number

6-RAJ-79-1

Product Name

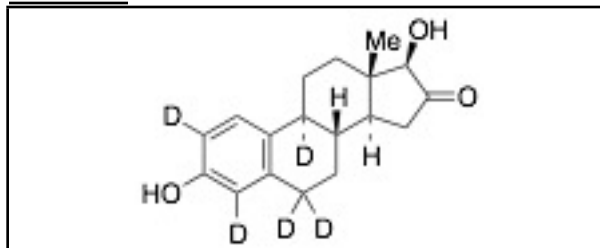
16-Keto 17b-Estradiol-d5 (Major)

Synonyms(17 β)-3,17-Dihydroxyestra-1,3,5(10)-trien-16-one-d5; 1,3,5(10)-Estratriene-3,17 β -diol-16-one-d5; 16-Ketoestradiol-d5; 16-Oxo-17 β -estradiol-d5; 16-Oxoestradiol-d5; 16-Oxoestradiol-17 β -d5; NSC 51169-d5;CAS Number

N/A

Solubility

Acetonitrile (Slightly), DMSO (Slightly)

StructureShipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_{18}H_{17}D_5O_3$ Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

291.4

Purity

>95%

2. Warnings

Not Determined

3. Analytical InformationTests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

97.85% (210 nm)

MS

Conforms to Structure

Conforms

Additional InformationNormalized Intensity: $d_0 = 0.09\%$, $d_1 = 0.16\%$, $d_2 = 0.27\%$, $d_3 = 3.71\%$, $d_4 = 22.38\%$, $d_5 = 73.39\%$ 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*Sadaf Samadi*

Sadaf Samadi

Quality Assurance Associate

Reviewed by*Toni Rantanen*

Toni Rantanen

Manager, Quality Assurance

C of A Approved by*Chanell Chu*

Chanell Chu

Quality Assurance Associate

Test Date

12/11/2024

Retest Date

12/9/2028