



1. Identification

Catalogue Number

E888003

Lot Number

3-WHO-56-3

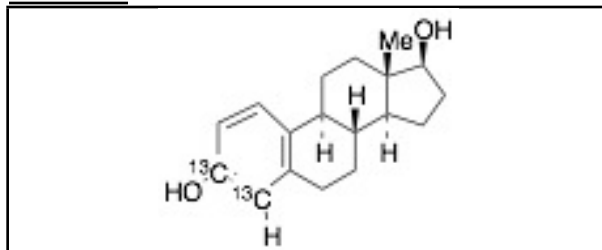
Product Name

17b-Estradiol-13C2

Synonyms

(17β)-Estra-1,3,5(10)-triene-3,17-diol-,3,4-13C2

Structure



CAS Number

82938-05-4

Solubility

Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₆¹³C₂H₂₄O₂

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

274.37

Purity

94%

2. Warnings

Not Determined

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Light Beige Solid	White Solid
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	98.73% (200 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	97.0%

Additional Information

Normalized Intensity: ¹³C₀ = 1.81%, ¹³C₁ = 2.41%, ¹³C₂ = 95.77%

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

Neha Khanna

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

6/21/2024

Retest Date

6/19/2028