



CERTIFICATE OF ANALYSIS

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1. Identification

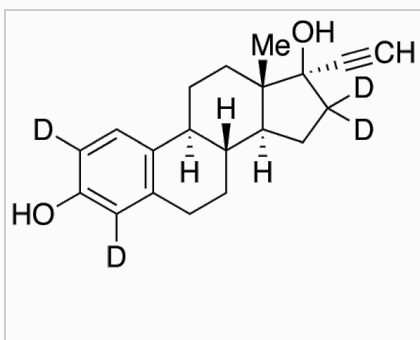
Catalogue Number: E685102

CAS Number: 350820-06-3

Product: Ethynyl Estradiol-2,4,16,16-d4

Synonym: (17 α)-19-Norpregna-1,3,5(10)-trien-20-yne-3,17-diol-d4; 17 α -Ethinylestradiol-d4; Amenoron-d4; Eticylol-d4; Eticyclin-d4; Etivex-d4; Feminone-d4; Gynolett-d4; Kolpolyn-d4; Lynoral-d4; Oradiol-d4; Orestralyn-d4; Primogyn C-d4;

Structure:



Molecular Formula:

C₂₀H₂₀D₄O₂

Molecular weight:

300.43

Source of Product:

Synthetic

Solubility:

Methanol (Slightly)

Lot Number: HJ-101

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Pale Yellow Solid	White to Pale Yellow Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	98.31% (202 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.1% (d0 = 0.00%)

Additional Information:

Material was manufactured at CDN Isotopes, an affiliate of TRCContains: ~0.4% Dichloromethane, ~0.2% Ethyl Acetate

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	Reviewed By	C of A Approved By	Test Date	Retest Date
Iuri Lutenco	Toni Rantanen	Chanell Chu	2/21/2022	2/19/2026