



CERTIFICATE OF ANALYSIS

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1. Identification

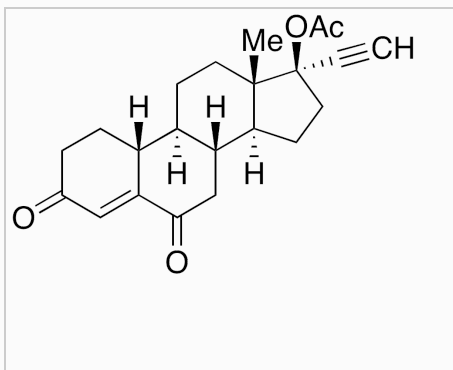
Catalogue Number: 0858290

CAS Number: 438244-27-0

Product: 6-Oxo Norethindrone Acetate

Synonym: (17a)-17-(Acetyloxy)-19-norpregn-4-en-20-yne-3,6-dione;

Structure:



Molecular Formula:

$C_{22}H_{26}O_4$

Molecular weight:

354.44

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 10-APD-8-5

Purity: 96%

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

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
HPLC Purity	Report Result	96.67% (260 nm)
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Appearance	Pale Yellow to Light Yellow Solid	Pale Yellow to Light Yellow Solid
FT-IR	Conforms to Structure	Conforms
Water Content	Report Result	0.2% by Karl Fischer
TGA	Report Result	See Additional Information

Additional Information:

The sample was tested by TGA, initiated in a nitrogen environment. The initial degradation onset temperature was measured at 251.7°C. The second degradation onset temperature was measured at 439.9°C. The environment was changed to air at 800.0°C. The sample had 0.0% of its weight remaining at 996.8°C. Contains: ~0.2% Diethyl ether and ~0.6% 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
Swathi Reddy	Toni Rantanen	Chanell Chu	1/30/2023	1/28/2027

