



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

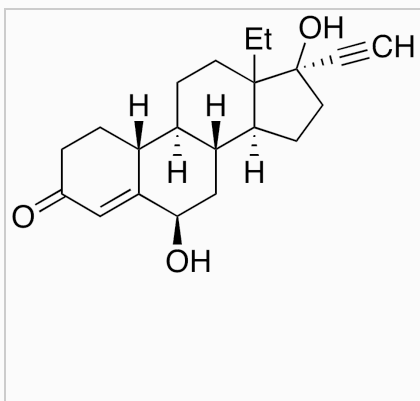
Catalogue Number: H939820

CAS Number: 55555-97-0

Product: 6b-Hydroxylevonorgestrel

Synonym: (6 β ,17 α)-13-Ethyl-6,17-dihydroxy-18,19-dinorpregn-4-en-20-yn-3-one; Levonorgestrel EP Impurity H

Structure:



Molecular Formula:

C₂₁H₂₈O₃

Molecular weight:

328.45

Source of Product:

Synthetic

Solubility:

Chloroform (Soluble, Sonicated), DMSO (Slightly, Sonicated), Methanol (Slightly)

Lot Number: 2-CSZ-58-7

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:
Elemental Analysis	Conforms	%C: 75.80, %H: 8.76
HPLC Purity	>95%	98.20% (236 nm)
MS	Conforms to Structure	Conforms
NMR	Conforms to Structure	Conforms
Appearance	White to Pale Yellow Solid	Off-White to Pale Yellow Solid
FT-IR	Conforms to Structure	Conforms
Specific Rotation	Report Result	-117.8° (c = 0.4, Chloroform)
Water Content	Report Result	0.7% by Karl Fischer
C NMR	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. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Evan Burns	Toni Rantanen	Christina Gouliaras	6/7/2021	6/5/2025
				