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## CERTIFICATE OF ANALYSIS

Analysis Date:

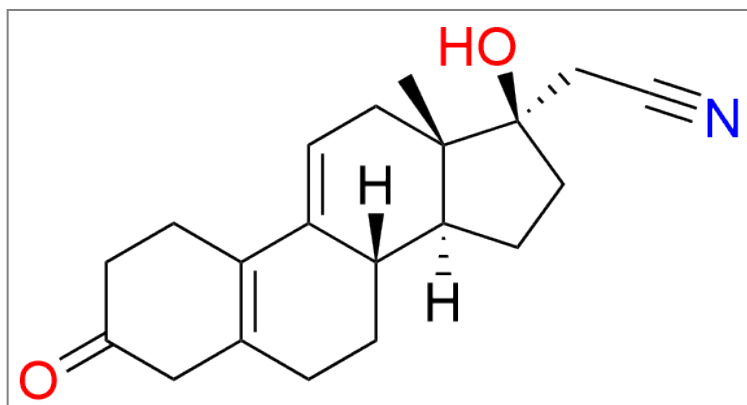
Re-test Date:

**Product Name: Dienogest EP Impurity C**

**Identification:**

Chemical Name: [17-Hydroxy-3-oxo-estra-5(10)-9(11)-dien-17 $\alpha$ -yl]acetonitrile

Synonyms : NA  
CAS Number : 106111-42-6  
CAT Number : CP-D37003  
Molecular Formula : C<sub>20</sub>H<sub>25</sub>NO<sub>2</sub>  
Molecular Weight : 311.4



**Analytical Information:**

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.