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## CERTIFICATE OF ANALYSIS

Analysis Date:

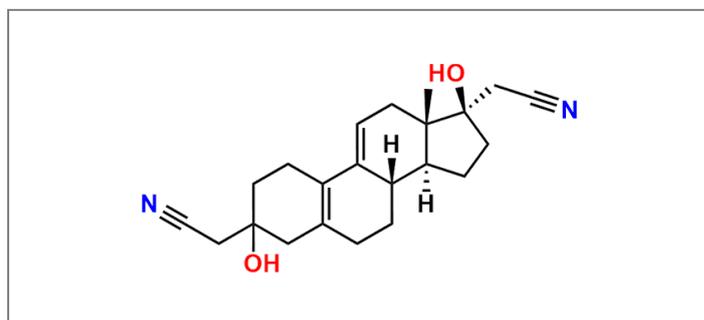
Re-test Date:

**Product Name: Dienogest Impurity 4**

### Identification:

Chemical Name: 2,2'-((8S,13S,14S,17R)-3,17-Dihydroxy-13-methyl-2,3,4,6,7,8,12,13,14,15,16,17-dodecahydro-1H-cyclopenta[a]phenanthrene-3,17-diyl)diacetonitrile

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-D37020  
Molecular Formula : C<sub>22</sub>H<sub>28</sub>N<sub>2</sub>O<sub>2</sub>  
Molecular Weight : 352.5



### 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)	<sup>1</sup> H NMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**

Ms Rohini Gagare  
(Quality Assurance)

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