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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Progesterone EP Impurity J**

### Identification:

Chemical Name: (8S,9S,10R,13S,14S,17S)-17-acetyl-10,13-dimethyl-6,7,8,9,10,11,12,13,14,15,16,17-dodecahydro-3H-cyclopenta[a]phenanthren-3-one

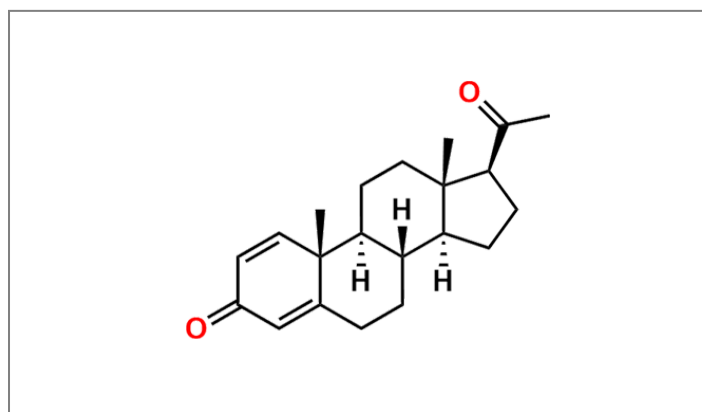
Synonyms : 1-Dehydro-Progesterone

CAS Number : 1162-54-5

CAT Number : CP-P133010

Molecular Formula : C<sub>21</sub>H<sub>28</sub>O<sub>2</sub>

Molecular Weight : 312.45



### 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.