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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Estradiol Valerate EP Impurity C

Identification:

Chemical Name: 3-Hydroxyestra-1,3,5(10),9(11)-tetraen-17 β -yl pentanoate (as per EP) ; 3-Hydroxyestra-1,3,5(10),9(11)-tetraen-17 β -yl valerate (as per USP)

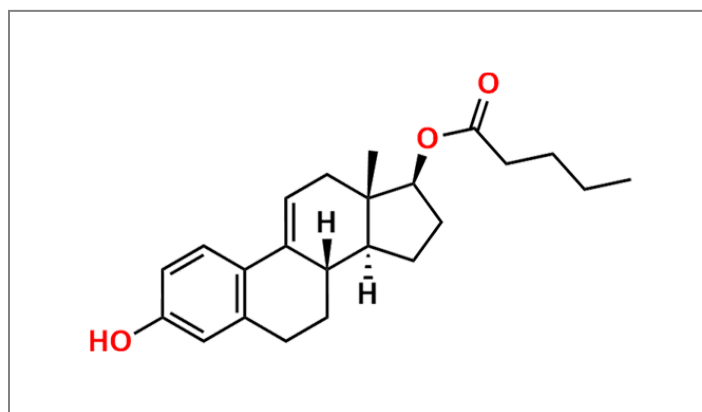
Synonyms : Estradiol-9-ene valerate

CAS Number : 95959-20-9

CAT Number : CP-E61003

Molecular Formula : C₂₃H₃₀O₃

Molecular Weight : 354.49



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.