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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Estradiol Valerate EP Impurity D**

### Identification:

Chemical Name: 3-Hydroxy-4-methylestra-1,3,5(10)-trien-17 $\beta$ -yl pentanoate (as per EP & USP)

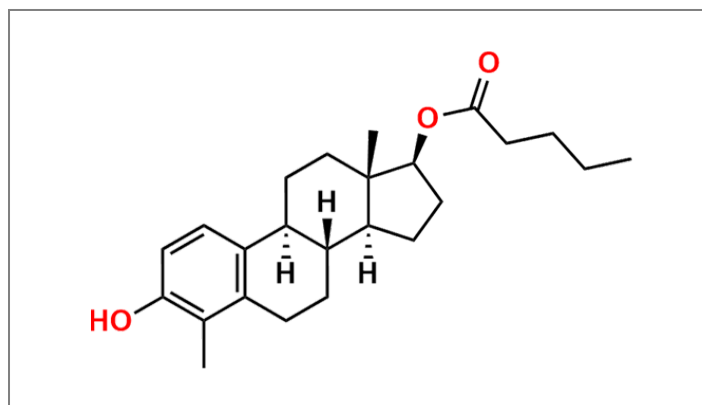
Synonyms : 4-Methylestradiol valerate

CAS Number : 1359847-37-2

CAT Number : CP-E61004

Molecular Formula : C<sub>24</sub>H<sub>34</sub>O<sub>3</sub>

Molecular Weight : 370.53



### 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.