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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Betamethasone Acetate EP Impurity C**

### Identification:

Chemical Name: 9-Fluoro-17-hydroxy-16 $\beta$ -methyl-3,20-dioxopregna-1,4-diene-11 $\beta$ ,21-diyl diacetate (as per EP)

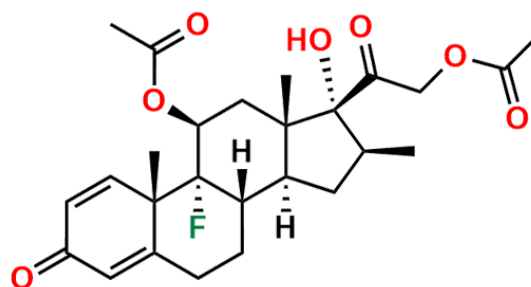
Synonyms : Betamethasone 11,21-Diacetate (EP) ; Betamethasone Acetate USP Related Compound C

CAS Number : 330157-05-6

CAT Number : CP-B104003

Molecular Formula : C<sub>26</sub>H<sub>33</sub>FO<sub>7</sub>

Molecular Weight : 476.54



### 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.