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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Betamethasone EP Impurity E

Identification:

Chemical Name: 9,11 β -Epoxy-17,21-dihydroxy-16 β -methyl-9 β -pregna-1,4-diene-3,20-dione

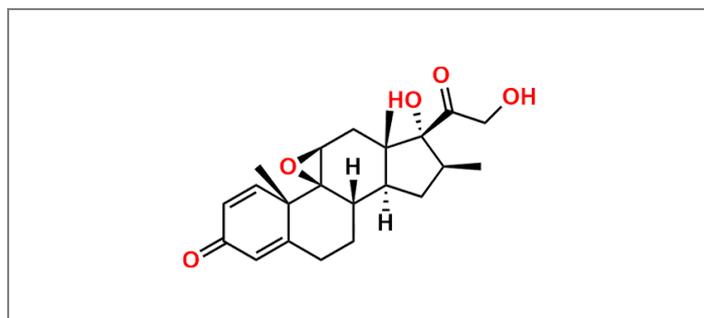
Synonyms : Betamethasone USP Related
Compound E ; Beclometasone
Dipropionate EP Impurity R ; 16-
Beta methyl epoxide

CAS Number : 981-34-0

CAT Number : CP-B25005

Molecular Formula : C₂₂H₂₈O₅

Molecular Weight : 372.45



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) | ¹ HNMR | Confirm to structure |
| 6) | IR | Confirm to Structure |
| 7) | Weight loss by TGA | - |
| 8) | Potency by TGA | - |



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.