

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2025

Re-test Date: Nov 2027

Product Name: Budesonide EP Impurity K

Identification:

Chemical Name: $16\alpha,17-[(1R,S)\text{-Butylidenebis(oxy)}]-11\beta,21\text{-dihydroxypregna-1,4-diene-3,20-dione-21-acetate}$ (as per EP)

Synonyms : Budesonide 21-Acetate (USP)

CAS Number : 51333-05-2

CAT Number : CP-B19011

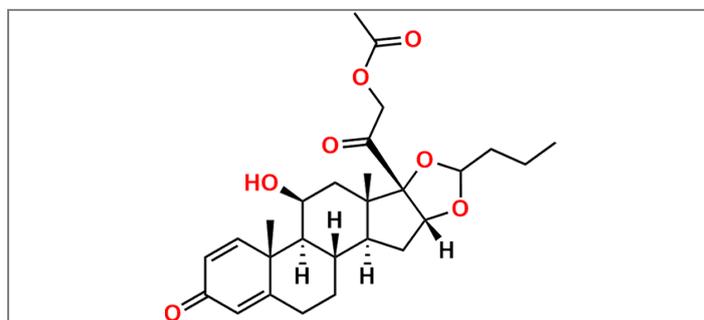
Molecular Formula : $C_{27}H_{36}O_7$

Molecular Weight : 472.57

Batch Number : CP-BUD-K-1225

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

| Sr. No. | Test | Result |
|---------|--------------------|--------------------------|
| 1) | Description | White Solid |
| 2) | Solubility | Soluble in Methanol/DMSO |
| 3) | MASS By LCMS | Confirm to structure |
| 4) | Purity By HPLC | 98.56% |
| 5) | ^1H NMR | Confirm to structure |
| 6) | Weight loss by TGA | 0.070% |
| 7) | Potency by TGA | 98.49% |



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.