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## CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2026

Re-test Date: Jan 2028

**Product Name: Fluticasone Propionate EP Impurity G**

### Identification:

Chemical Name: 6 $\alpha$ ,9-Difluoro-17-[(fluoromethyl)sulphonyl]carbonyl]-11 $\beta$ -hydroxy-16 $\alpha$ -methyl-3-oxoandrosta-1,4-dien-17 $\alpha$ -yl 6 $\alpha$ ,9-difluoro-11 $\beta$ ,17-dihydroxy-16 $\alpha$ -methyl-3-oxoandrosta-1,4-diene-17 $\beta$ -carboxylate

Synonyms : Fluticasone USP Related  
Compound E ; Fluticasone Dimer  
Impurity

CAS Number : 220589-37-7

CAT Number : CP-F23007

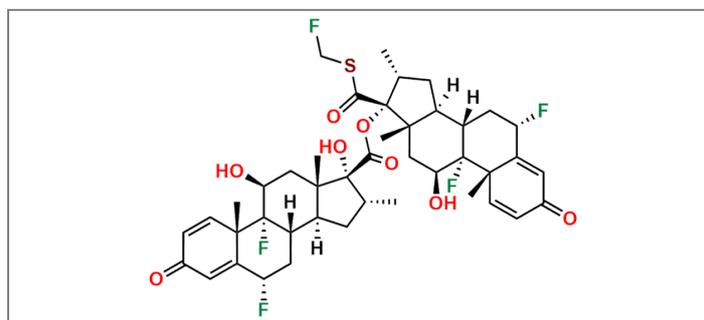
Molecular Formula : C<sub>43</sub>H<sub>51</sub>F<sub>5</sub>O<sub>8</sub>S

Molecular Weight : 822.92

Batch Number : CP-FLUP-G-0226

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     | 97.28%                   |
| 5)      | <sup>1</sup> HNMR  | Confirm to structure     |
| 6)      | IR                 | Confirm to Structure     |
| 7)      | Weight loss by TGA | 0.223%                   |
| 8)      | Potency by TGA     | 97.06%                   |



**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.