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## CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2026

Re-test Date: Jan 2029

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

### Identification:

Chemical Name: (6S,8S,9R,10S,11S,13S,14S,16R,17R)-6,9-difluoro-11-hydroxy-10,13,16-trimethyl-17-((methylthio)carbonyl)-3-oxo-6,7,8,9,10,11,12,13,14,15,16,17-dodecahydro-3H-cyclopenta[a]phenanthren-17-yl propionate

Synonyms : Fluticasone USP Related  
Compound D ; Fluticasone  
Methylsulphonyl Analog

CAS Number : 73205-13-7

CAT Number : CP-F23004

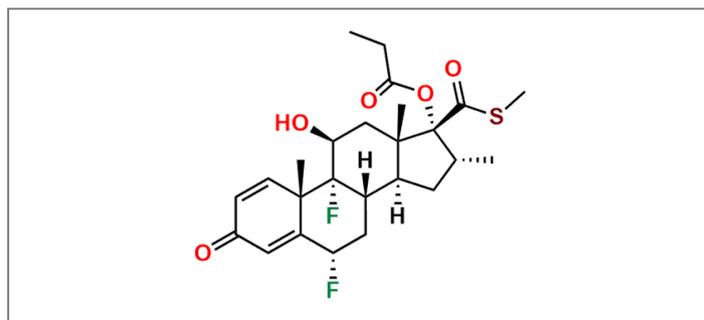
Molecular Formula : C<sub>25</sub>H<sub>32</sub>F<sub>2</sub>O<sub>5</sub>S

Molecular Weight : 482.58

Batch Number : CP-FLU-D-0724

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	98.22%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	Weight loss by TGA	0.008%
7)	Potency by TGA	98.21%



**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.