

Analysis Date: 06-08-2025

Re-test Date: 06-08-2028

## FLUTICASONE PROPIONATE EP IMPURITY C

### Identification

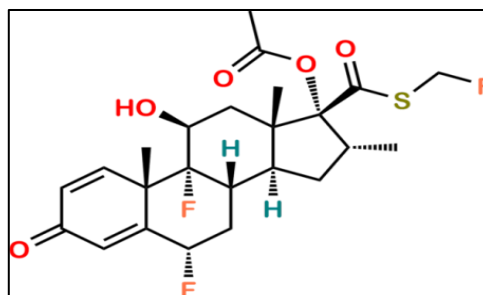
**Chemical Name** : 6alpha,9-Difluoro-17-[[[(fluoromethyl)sulphonyl]carbonyl]-11beta-hydroxy-16alpha-methyl-3-oxoandrosta-1,4-dien-17alpha-yl acetate ;

**CAT No** : ALL-FLT-1438

**CAS No** : 80474-24-4

**Molecular Formula** : C<sub>24</sub>H<sub>29</sub>F<sub>3</sub>O<sub>5</sub>S

**Molecular Weight** : 486.5



### Analytical Information

<b>Batch Code</b>	: ALL-FLT-1438	<b>HPLC Purity</b>	: 98.00%
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>Potency</b>	: 97.31%
<b>Appearance of Product</b>	: Off White Solid	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: -20°C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 0.303%	<b>1HNMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.402%		

### Additional Information

**%Potency** = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
 [100 - (0.402+0.303) × 98.00]/100 = 97.31%

**Recommendation** : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul khadase Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

**Attachment** : HPLC, Mass, 1H NMR, IR, TGA

**Shipping Condition** : All Product are stable to be shipped at room temperature, unless otherwise specified

#### Corporate Office