

Analysis Date: 08-11-2025

Re-test Date: 08-11-2028

## TRIAMCINOLONE ACETONIDE EP IMPURITY B

### Identification

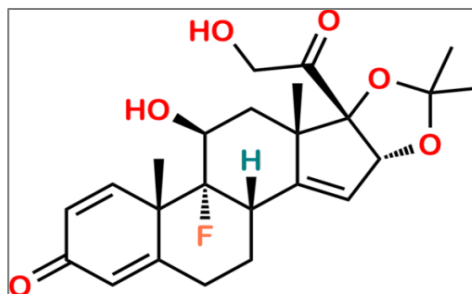
**Chemical Name** : 9-Fluoro-11 $\beta$ ,21-dihydroxy-16 $\alpha$ ,17-(1-methylethylidenedioxy)pregna-1,4,14-triene-3,20-dione (as per EP) ; (9-Fluoro-11,21-dihydroxy-16,17-[(1-methylethylidene)bis(oxy)]-(11 $\beta$ ,16 $\alpha$ )-pregna-1,4,14-triene-3,20-dione) (as per USP)

**CAT No** : ALL-TACT-3

**CAS No** : 1260149-96-9

**Molecular Formula** : C<sub>24</sub>H<sub>29</sub>FO<sub>6</sub>

**Molecular Weight** : 432.48



### Analytical Information

<b>Batch No</b>	: ALL-TACT-3	<b>HPLC Purity</b>	: 98.00 %
<b>Solubility</b>	: MeOH: ACN	<b>Potency</b>	: 96.84 %
<b>Appearance of Product</b>	: Off White Solid	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: 2-8 °C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 0.401 %	<b><sup>1</sup>H NMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.774%		

### Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
 [100 - (0.401 + 0.774) × 98.00]/100 = 96.84 %

**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, <sup>1</sup>H NMR, TGA.

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

#### Corporate Office