

Analysis Date: 31-07-2025

Re-test Date: 31-07-2028

## HYDROCORTISONE GLYOXAL HYDRATE ISOMER 1

### Identification

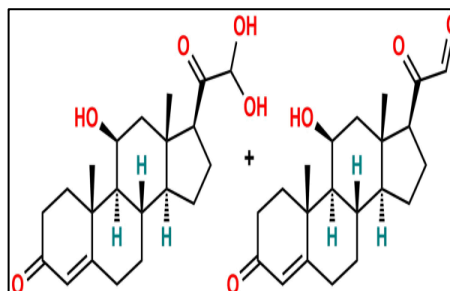
**Chemical Name** : (8S,9S,10R,11S,13S,14S,17S)-17-(2,2-Dihydroxyacetyl)-11-hydroxy-10,13-dimethyl-6,7,8,9,10,11,12,13,14,15,16,17-dodecahydro-1H-cyclopenta[a]phenanthren-3(2H)-one

**CAT No** : ALL-HYD-1611

**CAS No** : 1960421-03-7

**Molecular Formula** : C<sub>21</sub>H<sub>30</sub>O<sub>5</sub>

**Molecular Weight** : 362.5



### Analytical Information

<b>Batch Code</b>	: ALL-HYD-1611	<b>HPLC Purity</b>	: 98.00%
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>Potency</b>	: 96.12%
<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>	: 0.906%	<b><sup>1</sup>H NMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 1.009%		

### Additional Information

**%Potency** = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
 [100 - (0.906+1.009) × 98.00]/100 = 96.12%

**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, IR, TGA

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

#### Corporate Office