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## CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2025

Re-test Date: Jul 2027

**Product Name: Prednisolone Impurity 47**

### Identification:

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

Synonyms : NA

CAS Number : 118864-87-2

CAT Number : CP-P74035

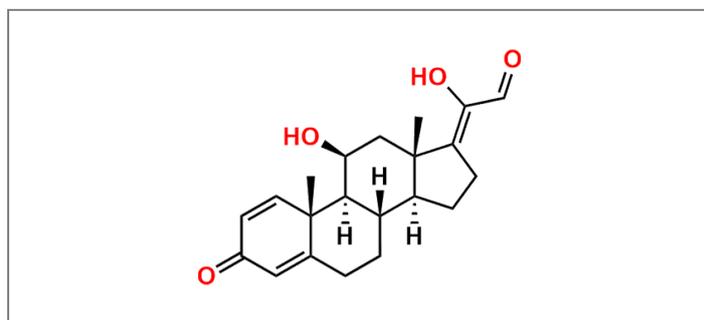
Molecular Formula : C<sub>21</sub>H<sub>26</sub>O<sub>4</sub>

Molecular Weight : 342.44

Batch Number : CP-33-35A

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	95.02%
5)	<sup>1</sup> H NMR	Confirm to Structure
6)	<sup>13</sup> C NMR	Confirm to Structure
7)	IR	Confirm to Structure



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.