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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2026

Re-test Date: Mar 2029

Product Name: Progesterone EP Impurity I

Identification:

Chemical Name: (20R_S)-20-methyl-3-oxopregn-4-en-21-al (as per EP)

Synonyms : NA

CAS Number : 24254-01-1

CAT Number : CP-P133009

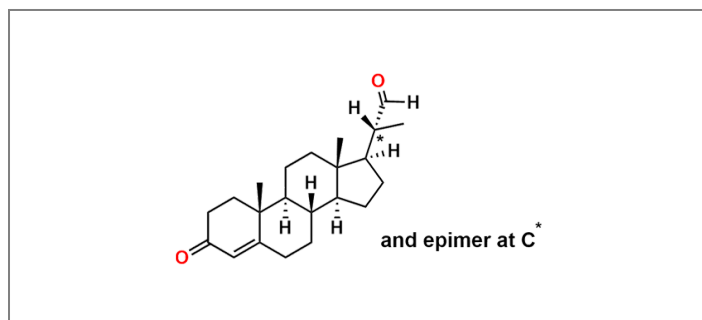
Molecular Formula : C₂₂H₃₂O₂

Molecular Weight : 328.50

Batch Number : CP-PRO-I-0426

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	Peak 1-59.80% (RT-13.554)+Peak 2-36.03% (RT-13.759)=Total Purity=95.83%
5)	¹ H NMR	Confirm to structure
6)	¹³ 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.