

CERTIFICATE OF ANALYSIS

(Certificate No. KMP181054-01)

Release Date: 25/10/2024

Re-test Date: 24/10/2027

Progesterone EP Impurity C

Identification

Chemical Name :

(8S,9S,10R,13S,14S,17S)-17-((R)-1-hydroxyethyl)-10,13-dimethyl-1,2,6,7,8,9,10,11,12,13,14,15,16,17-tetradecahydro-3H-cyclopenta[a]phenanthren-3-one

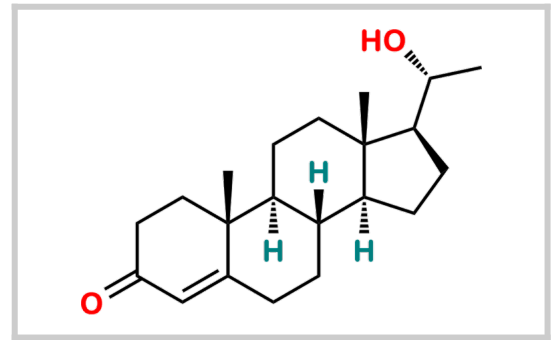
Alt. Name : 20(R)-Hydroxy Progesterone

CAT No. : KMP181054

CAS No. : 145-15-3

Molecular Formula : C₂₁H₃₂O₂

Molecular Weight : 316.4



Analytical Information

Batch No. : P181054-091-003

Description : White Solid

HPLC Purity : 92.12 %

Weight Loss By TGA : 0.39 %

% Potency : 91.76 %

Solubility : Methanol

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.39(Weight Loss By TGA)] x [92.12(HPLC Purity)]/100 = 91.76 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		25/10/2024
Reviewed & Approved By	Quality Control	Jatin Patel		25/10/2024

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA