Certificate of Analysis

Progesterone

 Cat. No.:
 HY-N0437

 CAS No.:
 57-83-0

 Batch No.:
 398473

Chemical Name: Pregn-4-ene-3,20-dione

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{21}H_{30}O_2$ Molecular Weight: 314.46

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 2 years

-20°C 1 year

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 99.79%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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