

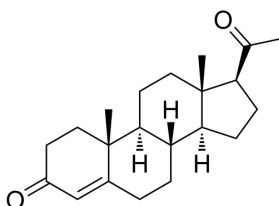
## Progesterone

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)  
<sup>1</sup>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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