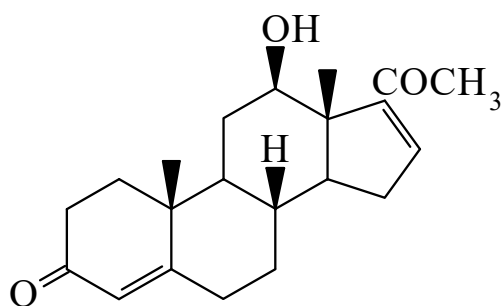




>>Entry Name: 12-Hydroxypregna-4,16-diene-3,20-dione



Molecular Formula: C₂₁H₂₈O₃

Molecular Weight: 328.45

Accurate Mass: 328.203845

Percentage Composition: C 76.79%; H 8.59%; O 14.61%

>>Variant: 12β-form

CAS Registry Number: 72959-46-7

Molecular Formula: C₂₁H₂₈O₃

Molecular Weight: 328.45

Accurate Mass: 328.203845

Percentage Composition: C 76.79%; H 8.59%; O 14.61%

Biological Source: Constit. of *Anodendron affine* and *Gelsemium sempervirens*

Physical Description: Cryst.

Melting Point: Mp 235°

Optical Rotation: [α]_D +115 (c, 0.17 in MeOH)

Solubility: BERDY SOL: Sol. MeOH, Me₂CO, hexane; poorly sol. H₂O

UV: [neutral] λ_{max} 244 (ε 35480) (MeOH) (Berdy)

References:

Yamauchi, T. *et al.*, *Phytochemistry*, 1979, **18**, 1240

Schun, Y. *et al.*, *J. Nat. Prod.*, 1987, **50**, 195, (*isol, cmr, pmr*)