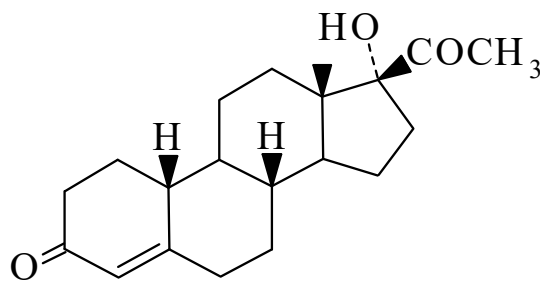




>>Entry Name: **Gestronol**, BAN

Synonym(s): 17-Hydroxy-19-norpregn-4-ene-3,20-dione. Gestonorone



Molecular Formula: C₂₀H₂₈O₃

Molecular Weight: 316.439

Accurate Mass: 316.203845

Percentage Composition: C 75.91%; H 8.92%; O 15.17%

Use/Importance: Progestational steroid

Physical Description: Cryst.

Melting Point: Mp 200-202°

Calculated Log P Data: Log P 2.63 (uncertain value) (calc)

Other Data: Stereochem. is (17 α OH)

>>Derivative: 17-Hexanoyl

Synonym(s): **Gestonorone caproate**, INN, JAN, USAN. Gestronol hexanoate. Depostat. Primostat. NSC 84054. SH 582

CAS Registry Number: 1253-28-7

Molecular Formula: C₂₆H₃₈O₄

Molecular Weight: 414.584

Accurate Mass: 414.27701

Percentage Composition: C 75.33%; H 9.24%; O 15.44%

Use/Importance: Contraceptive

Physical Description: Cryst.

Melting Point: Mp 123-124°

Optical Rotation: [α]_D +13 (CHCl₃)

Calculated Log P Data: Log P 5.28 (uncertain value) (calc)

References:

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