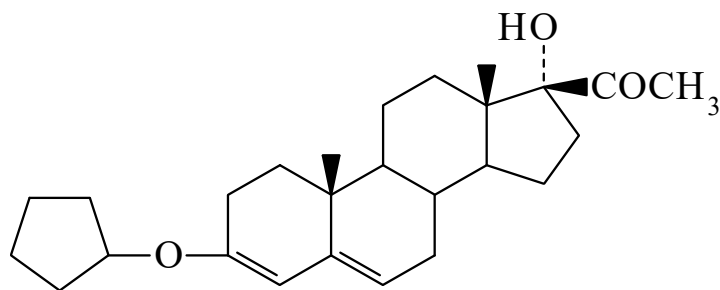




>>Entry Name: **Pentagestrone**, INN

Synonym(s): 3-(Cyclopentyloxy)-17-hydroxypregna-3,5-dien-20-one



CAS Registry Number: 7001-56-1

Molecular Formula: $C_{26}H_{38}O_3$

Molecular Weight: 398.584

Accurate Mass: 398.282095

Percentage Composition: C 78.35%; H 9.61%; O 12.04%

Use/Importance: Progestogen

Melting Point: Mp 184.5-186.5°

Optical Rotation: $[\alpha]_D -115$ (dioxan)

Calculated Log P Data: Log P 5.65 (uncertain value) (calc)

Other Data: Stereochem. is (17 α OH)

>>Derivative: Ac

Synonym(s): Gestovister. Gestovis

CAS Registry Number: 1178-60-5

Molecular Formula: $C_{28}H_{40}O_4$

Molecular Weight: 440.622

Accurate Mass: 440.29266

Percentage Composition: C 76.33%; H 9.15%; O 14.52%

Use/Importance: Progestin

Melting Point: Mp 157-158° (137-138°)

Optical Rotation: $[\alpha]_D -147$ (dioxan)

Calculated Log P Data: Log P 6.18 (uncertain value) (calc)

References:

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Falconi, G. *et al.*, *Endocrinology (Baltimore)*, 1961, **69**, 638, (*pharmacol*)

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