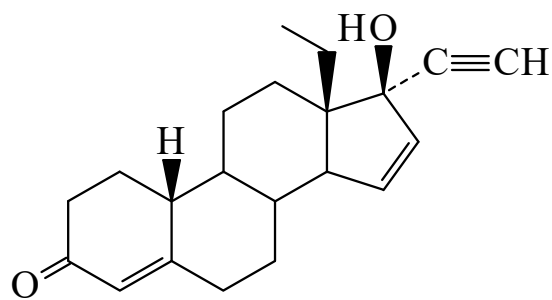




>>Entry Name: Gestodene, BAN, INN, USAN

Synonym(s): 13-Ethyl-17-hydroxy-18,19-dinorpregna-4,15-dien-20-yn-3-one, 9Cl. Femoden. Minulet. SHB 331



CAS Registry Number: 60282-87-3

Molecular Formula: C₂₁H₂₆O₂

Molecular Weight: 310.435

Accurate Mass: 310.19328

Percentage Composition: C 81.25%; H 8.44%; O 10.31%

Use/Importance: Orally active progestogen effective at low dosage. Used in conjunction with ethinyloestradiol

Physical Description: Cryst. (EtOAc)

Development Status: Launched 1987

Melting Point: Mp 198°

Optical Rotation: $[\alpha]_D^{22} -185.7$ (c, 0.5 in CHCl₃)

Calculated Log P Data: Log P 3.34 (uncertain value) (calc)

Other Data: Stereochem. is (13β,17βOH)

References:

Losert, W. *et al.*, *Arzneim.-Forsch.*, 1985, **35**, 459

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van Geerestein, V.J. *et al.*, *Acta Cryst. C*, 1987, **43**, 2402, (*cryst struct*)

Eckle, E. *et al.*, *Annalen*, 1988, 199, (*cryst struct*)

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