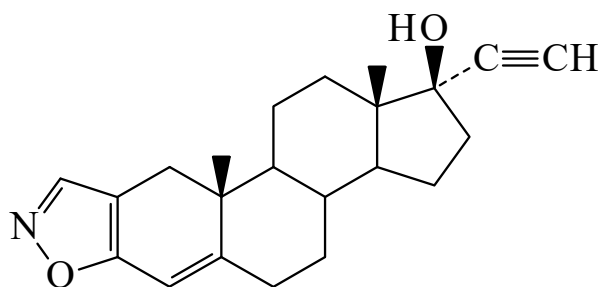




>>Entry Name: **Danazol**, BAN, INN, JAN, USAN

Synonym(s): 17-Pregna-2,4-dien-20-yno[2,3-*d*]isoxazol-17-ol, 9Cl. Anamenstruol. Chronogyn. Cyclomen. Danatrol. Danazant. Danocrine. Danol. Ladazol. **Ladogal**‡. Mastodanatrol. Winobanin



CAS Registry Number: 17230-88-5

Related CAS Registry Numbers(s): 108333-26-2

Molecular Formula: C₂₂H₂₇NO₂

Molecular Weight: 337.461

Accurate Mass: 337.204179

Percentage Composition: C 78.30%; H 8.06%; N 4.15%; O 9.48%

Use/Importance: Anterior pituitary suppressant; used for the treatment of endometriosis, menorrhagia, premenstrual syndrome

Physical Description: Cryst. (Me₂CO)

Melting Point: Mp 224.4-226.8°

Optical Rotation: [α]_D²⁵ +7.5 (EtOH). [α]_D +21.9 (CHCl₃)

Other Data: Stereochem. is 17βOH

Sigma: D8399

References:

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Potts, G.O. *et al.*, *Drugs*, 1980, **19**, 321, (*rev, pharmacol*)

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Kamata, S. *et al.*, *Synthesis*, 1986, 588, (*synth*)

Walton, A.R. *et al.*, *Acta Cryst. C*, 1988, **44**, 1621, (*cryst struct*)

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