



LKT Laboratories, Inc.

Danazol

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Product Information

Product ID D0253

CAS No. 17230-88-5

Chemical Name (17 α)-Pregna-2,4-dien-20-yno[2,3-d]isoxazol-17-ol

Synonym Bonzol, Chronogyn, Danatrol, Danocrine, Danol, Ladogal, Winobanin

Formula C₂₂H₂₇NO₂

Formula Wt. 337.46

Melting Point 224.4-226.8 °C

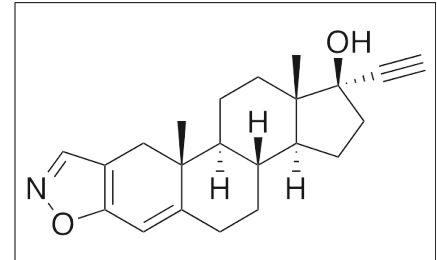
Purity \geq 99%

Solubility Soluble in chloroform, acetone. Sparingly soluble in ethanol. Insoluble in water (0.001 mg/mL)

Store Temp Ambient

Ship Temp Ambient

Description Danazol is a derivative of the synthetic steroid ethisterone that is clinically used to treat endometriosis and hereditary angioedema; it also promotes pregnancy in female subjects undergoing in vitro fertilization. Danazol inhibits production of gonadotropins such as luteinizing hormone (LH) and follicle-stimulating hormone (FSH) and weakly activates the androgen receptor.



Bulk quantities available upon request

Product ID	Size	
D0253	100 mg	
D0253	250 mg	\$171.40
D0253	1 g	

References Füst G, Farkas H, Csuka D, et al. Long-term efficacy of danazol treatment in hereditary angioedema. *Eur J Clin Invest.* 2011 Mar;41(3):256-62. PMID: 20955212.

Kusakabe K, Morishima S, Nakamuta N, et al. Effect of danazol on NK cells and cytokines in the mouse uterus. *J Reprod Dev.* 2007 Feb;53(1):87-94. PMID: 17077583.

Murakami K, Nomura K, Shinohara K, et al. Danazol inhibits aromatase activity of endometriosis-derived stromal cells by a competitive mechanism. *Fertil Steril.* 2006 Aug;86(2):291-7. PMID: 16806212.

Floyd WS. Danazol: endocrine and endometrial effects. *Int J Fertil.* 1980;25(1):75-80. PMID: 6104649.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.