



LKT Laboratories, Inc.

Levonorgestrel

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Product Information

Product ID L1684
CAS No. 797-63-7
Chemical Name 17-Ethynyl-18-methyl-19-nortestosterone

Synonym D(-) Norgestrel, Microlut, Microval, Norgeston, Norlevo, Norplant

Formula C₂₁H₂₈O₂

Formula Wt. 312.45

Melting Point 235-237° C

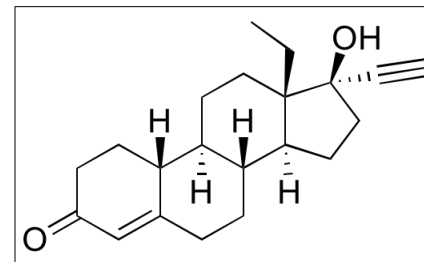
Purity ≥98%

Solubility Insoluble in water. Slightly soluble in ethanol (0.2 mg/mL). Soluble in chloroform, DMSO (5 mg/mL), DMF (5 mg/mL).

Store Temp Ambient

Ship Temp Ambient

Description Levonorgestrel is a synthetic progestogen that exhibits contraceptive activity, inhibiting secretion of follicle-stimulating hormone (FSH) and luteinizing hormone (LH). Levonorgestrel is clinically used in hormonal contraceptives and hormone replacement therapy. In vitro, levonorgestrel increases expression of 17-β hydroxysteroid dehydrogenase.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
L1684	100 mg	\$44.10
L1684	500 mg	\$99.20
L1684	1 g	\$154.40

References Gemzell-Danielsson K, Berger C, P G L L. Emergency contraception -- mechanisms of action. *Contraception*. 2013 Mar;87(3):300-8. PMID: 23114735.

Yuan P, Chen B, Huang Y, et al. Long-term regression of experimental endometriosis in a rat model treated with local application of levonorgestrel-loaded biodegradable microspheres. *Hum Reprod*. 2012 Jul;27(7):2089-95. PMID: 22563024.

Sarkar NN. The emergency contraceptive drug, levonorgestrel: a review of post-coital oral and peri-coital vaginal administration for prevention of pregnancy. *J Obstet Gynaecol*. 2011 Nov;31(8):703-7. PMID: 22085058.

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