



LKT Laboratories, Inc.

Letrozole

Phone: 888-558-5227
651-644-8424
Fax: 888-558-7329
Email: getinfo@lktlabs.com
Web: lktlabs.com

Product Information

Product ID L1878

CAS No. 112809-51-5

Chemical Name 4,4'-(1H-1,2,4-Triazol-1-ylmethylene)bisbenzonitrile

Synonym Femara

Formula C₁₇H₁₁N₅

Formula Wt. 285.30

Melting Point 181-183°C

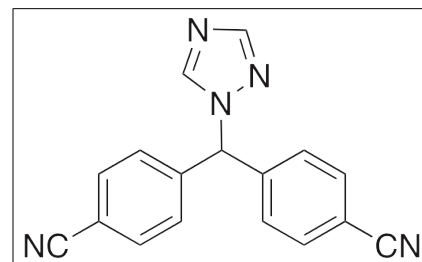
Purity ≥98%

Solubility Soluble in dichloromethane, DMSO (100 mM). Slightly soluble in ethanol. practically insoluble in water. Soluble in chloroform, methanol

Store Temp -20°C

Ship Temp Ambient

Description Letrozole is an inhibitor of aromatase that prevents the formation of estrogens; it is clinically used to treat hormone-responsive breast cancer and infertility and to terminate pregnancy. Letrozole exhibits anticancer chemotherapeutic and anti-estrogenic activities. In vivo, letrozole increases secretion of luteinizing hormone (LH), lengthens the follicular dominance period, and delays subsequent follicular waves. TEST!!!!!!



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
L1878	5 mg	\$55.10
L1878	25 mg	\$104.80
L1878	50 mg	\$165.40
L1878	100 mg	\$286.70

References Lee VC, Gao J, Lee KF, et al. The effect of letrozole with misoprostol for medical termination of pregnancy on the expression of steroid receptors in the placenta. Hum Reprod. 2013 Nov;28(11):2912-9. PMID: 23980056.

Tomao F, Spinelli G, Vici P, et al. Current role and safety profile of aromatase inhibitors in early breast cancer. Expert Rev Anticancer Ther. 2011 Aug;11(8):1253-63. PMID: 21916579.

Yapura J, Mapletoft RJ, Pierson R, et al. A bovine model for examining the effects of an aromatase inhibitor on ovarian function in women. Fertil Steril. 2011 Aug;96(2):434-438.e3. PMID: 21696721.

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