



LKT Laboratories, Inc.

Toremifene Base

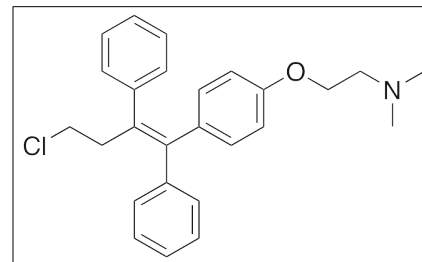
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Product Information

Product ID T5769
CAS No. 89778-26-7
Chemical Name 2-[4-[(1Z)-4-Chloro-1,2-diphenyl-1-butenyl]phenoxy]-N,N-dimethylethanamine

Synonym Toremifene

Formula C₂₆H₂₈ClNO
Formula Wt. 405.96
Melting Point 108-110°C
Purity ≥98%
Solubility



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
T5769	500 mg	\$79.60
T5769	1 g	\$127.30
T5769	5 g	\$476.60

Store Temp Ambient

Ship Temp Ambient

Description Toremifene is a selective estrogen receptor modulator (SERM) that also moderates androgen receptor activity as well. Toremifene displays anticancer chemotherapeutic and anti-angiogenic activities. Clinically, this compound is used to treat breast cancer and prostate cancer. Toremifene decreases microvessel density and induces remission of benign fibrous lesions in clinical settings with subjects experiencing desmoid tumors. Additionally, toremifene increases latency to tumor formation, decreases tumor number, and increases survival in animal models of prostate cancer. TEST!!!!!!

References Chang BY, Kim SA, Malla B, et al. The Effect of Selective Estrogen Receptor Modulators (SERMs) on the Tamoxifen Resistant Breast Cancer Cells. *Toxicol Res.* 2011 Jun;27(2):85-93. PMID: 24278556.

Kawashima H, Tanaka T, Cheng JS, et al. Effect of anti-estrogens on the androgen receptor activity and cell proliferation in prostate cancer cells. *Urol Res.* 2004 Dec;32(6):406-10. PMID: 15316697.

Heidemann J, Ogawa H, Otterson MF, et al. Antiangiogenic treatment of mesenteric desmoid tumors with toremifene and interferon alfa-2b: report of two cases. *Dis Colon Rectum.* 2004 Jan;47(1):118-22. PMID: 14719159.

Raghow S, Hooshdaran MZ, Katiyar S, et al. Toremifene prevents prostate cancer in the transgenic adenocarcinoma of mouse prostate model. *Cancer Res.* 2002 Mar 1;62(5):1370-6. PMID: 11888907.

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