

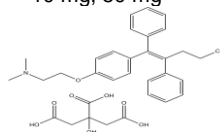
PRODUCT: Toremifene Citrate

ALTERNATE NAME: (Z)-2-(4-(4-Chloro-1,2-diphenyl-1-butenyl)phenoxy)-N,N-dimethylethanamine, Acapodene, Fareston, GTx 006, Z-Toremifene

CATALOG #: B1049-10, 50

AMOUNT: 10 mg, 50 mg

STRUCTURE:



MOLECULAR FORMULA: $C_{26}H_{28}ClNO \cdot C_6H_8O_7$

MOLECULAR WEIGHT: 598.08

CAS NUMBER: 89778-27-8

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (>10 mg/ml)

PURITY: $\geq 98\%$ by HPLC

STORAGE: Store at -20°C . Protect from air and moisture

DESCRIPTION: Toremifene citrate is a selective estrogen receptor modulator (SERM) that is widely being used as endocrine therapy for estrogen receptor positive breast cancer. Toremifene citrate is known to increase bone mineral density in prostate cancer patients undergoing androgen deprivation therapy. It was inactive against MERS-CoV *in vitro* in one study.

REFERENCES: Pickar, J.H., and Komm, B.S. (2015). *Post Reprod. Health* **21**, 112-121.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

DY131 (**2775**)

Endoxifen (**9614**)

Lasofexifene tartrate (**9680**)

USAGE: **FOR RESEARCH CH USE ONLY! Not to be used in humans**