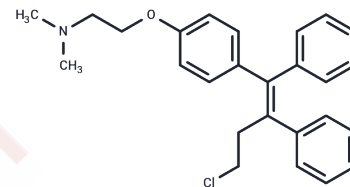


## Toremifene

## Chemical Properties

CAS No. :	89778-26-7
Formula:	C <sub>26</sub> H <sub>28</sub> ClNO
Molecular Weight:	405.96
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Toremifene (GTx 006) is a selective estrogen-receptor modulator (SERM).
Targets(IC50)	Estrogen Receptor/ERR,Estrogen/progestogen Receptor

## Solubility Information

Solubility	DMSO: 31.25 mg/mL (76.98 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Saline: 3.13 mg/mL (7.71 mM),Solution. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4633 mL	12.3165 mL	24.633 mL
5 mM	0.4927 mL	2.4633 mL	4.9266 mL
10 mM	0.2463 mL	1.2316 mL	2.4633 mL
50 mM	0.0493 mL	0.2463 mL	0.4927 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Locci P, et al. J Interferon Cytokine Res. 2001 Nov;21(11):961-70.

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