



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC Handels GmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

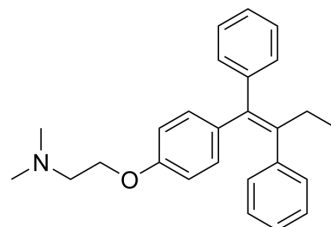
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Tamoxifen (Standard)

Cat. No.:	HY-13757AR
CAS No.:	10540-29-1
Molecular Formula:	C ₂₆ H ₂₉ NO
Molecular Weight:	371.51
Target:	Estrogen Receptor/ERR; HSP; Autophagy; Apoptosis
Pathway:	Vitamin D Related/Nuclear Receptor; Cell Cycle/DNA Damage; Metabolic Enzyme/Protease; Autophagy; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

Ethanol : 50 mg/mL (134.59 mM; Need ultrasonic)
DMSO : 50 mg/mL (134.59 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.6917 mL	13.4586 mL	26.9172 mL
	5 mM		0.5383 mL	2.6917 mL	5.3834 mL
	10 mM		0.2692 mL	1.3459 mL	2.6917 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Tamoxifen (Standard) is the analytical standard of Tamoxifen. This product is intended for research and analytical applications. Tamoxifen (ICI 47699) is an orally active, selective estrogen receptor modulator (SERM) which blocks estrogen action in breast cells and can activate estrogen activity in other cells, such as bone, liver, and uterine cells^{[1][2][3]}. Tamoxifen is a potent Hsp90 activator and enhances the Hsp90 molecular chaperone ATPase activity. Tamoxifen also potent inhibits infectious EBOV Zaire and Marburg (MARV) with IC₅₀ of 0.1 μM and 1.8 μM, respectively^[5]. Tamoxifen activates autophagy and induces apoptosis^[4]. Tamoxifen also can induce gene knockout of CreER(T2) transgenic mouse^[6].

IC₅₀ & Target

Estrogen receptor

HSP90

CUSTOMER VALIDATION

- Cell. 2022 Aug 4;185(16):3008-3024.e16.

-
- Signal Transduct Target Ther. 2023 Feb 3;8(1):51.
 - Immunity. 2023 Dec 22;S1074-7613(23)00534-4.
 - Immunity. 2022 Jul 12;S1074-7613(22)00291-6.
 - Immunity. 2020 Nov 17;53(5):1078-1094.e7.

See more customer validations on www.MedChemExpress.com

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA