



# 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 HandelsgmbH

Quellenstraße 110, A-1100 Wien

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

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

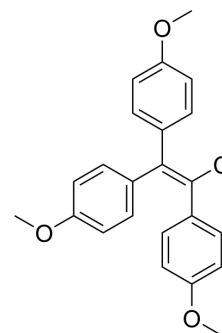
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## Chlorotrianisene (Standard)

Cat. No.:	HY-B2158R
CAS No.:	569-57-3
Molecular Formula:	C <sub>23</sub> H <sub>21</sub> ClO <sub>3</sub>
Molecular Weight:	380.86
Target:	Estrogen Receptor/ERR; COX
Pathway:	Vitamin D Related/Nuclear Receptor; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Chlorotrianisene (Standard) is the analytical standard of Chlorotrianisene. This product is intended for research and analytical applications. Chlorotrianisene is a long-acting non-steroidal estrogen and an orally active estrogen receptor modulator. Chlorotrianisene exhibits antiestrogenic activity. Chlorotrianisene potently inhibits the enzyme COX-1 and inhibits platelet aggregation in whole blood <sup>[1][2][3]</sup> .
IC <sub>50</sub> & Target	Estrogen receptor <sup>[1]</sup> COX-1 <sup>[2]</sup>

### REFERENCES

- [1]. Ruenitz PC, et al. Estrogenic tamoxifen derivatives: categorization of intrinsic estrogenicity in MCF-7 cells. *J Steroid Biochem Mol Biol.* 1997 Nov-Dec;63(4-6):203-9.
- [2]. Lounkine E, et al. Large-scale prediction and testing of drug activity on side-effect targets. *Nature.* 2012 Jun 10;486(7403):361-7.
- [3]. Kupfer D, et al. Inactivation of the uterine estrogen receptor binding of estradiol during P-450 catalyzed metabolism of chlorotrianisene (TACE). Speculation that TACE antiestrogenic activity involves covalent binding to the estrogen receptor. *FEBS Lett.* 1990 Feb 12;261(1):59-62.

**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