



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

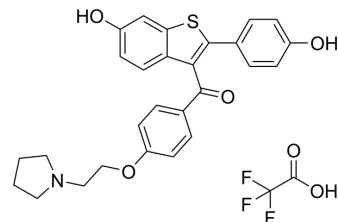
mail@szabo-scandic.com

www.szabo-scandic.com

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

LY117018 TFA

Cat. No.:	HY-116896A
CAS No.:	2390041-98-0
Molecular Formula:	C ₂₉ H ₂₆ F ₃ NO ₆ S
Molecular Weight:	573.58
Target:	Estrogen Receptor/ERR
Pathway:	Vitamin D Related/Nuclear Receptor
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



BIOLOGICAL ACTIVITY

Description	LY117018 TFA, a Raloxifene analog, is a selective estrogen receptor modulator. LY117018 TFA exerts antiproliferative effects on breast cancer cell lines ^{[1][2][3]} .
In Vitro	LY117018 (0.01-1000 nM; 24 hours) at lower concentrations (0.01-10 nM) caused an E2-like increase in p53 levels when compared to its effects on cells grown in the stripped medium. At a higher concentration of LY117018 (1 μM), the level of p53 appeared to decline. Treatment with 1 μM LY117018 resulted in a predominantly hypophosphorylated pRb. At lower concentrations, LY117018 did not block E2-induced pRb phosphorylation ^[1] . LY117018 (1 μM; 96 hours) inhibits MCF-7 cells proliferation with an IC ₅₀ of 1 μM ^[2] . LY117018 suppresses oxidative stress-induced endothelial cell apoptosis through activation of ERK1/2 signaling pathway ^[3] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Dinda S, et al. Effects of LY117018 (a SERM analog of raloxifene) on tumor suppressor proteins and proliferation of breast cancer cells. *Horm Mol Biol Clin Investig.* 2010 Aug 1;2(1):211-7.
- [2]. Baumann KH, et al. Effects of celecoxib and ly117018 combination on human breast cancer cells in vitro. *Breast Cancer (Auckl).* 2009 Apr 7;3:23-34.
- [3]. Yu J, et al. Raloxifene analogue LY117018 suppresses oxidative stress-induced endothelial cell apoptosis through activation of ERK1/2 signaling pathway. *Eur J Pharmacol.* 2008 Jul 28;589(1-3):32-6.

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