



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

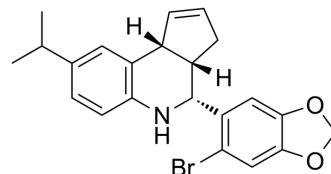
mail@szabo-scandic.com

www.szabo-scandic.com

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

G36

Cat. No.:	HY-103450
CAS No.:	1392487-51-2
Molecular Formula:	C ₂₂ H ₂₂ BrNO ₂
Molecular Weight:	412.32
Target:	Estrogen Receptor/ERR
Pathway:	Others
Storage:	Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (121.27 mM; ultrasonic and warming and heat to 80°C)

	Solvent Concentration	Mass			
		1 mg	5 mg	10 mg	
Preparing Stock Solutions	1 mM	2.4253 mL	12.1265 mL	24.2530 mL	
	5 mM	0.4851 mL	2.4253 mL	4.8506 mL	
	10 mM	0.2425 mL	1.2127 mL	2.4253 mL	

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

BIOLOGICAL ACTIVITY

Description

G-36 is a cell permeable non-steroidal antagonist of G-protein-coupled estrogen receptor (GPER/GPR30) which selectively inhibits estrogen-mediated activation of PI3K by GPER, but not by ERα. G-36 also inhibits estrogen-mediated calcium mobilization (IC₅₀=112 nM)^[1].

REFERENCES

[1]. Dennis MK, Field AS, Burai R, Ramesh C, Petrie WK, Bologa CG, Oprea TI, Yamaguchi Y, Hayashi S, Sklar LA, Hathaway HJ, Arterburn JB, Prossnitz ER. Identification of a GPER/GPR30 antagonist with improved estrogen receptor counterselectivity. J Steroid Biochem Mol Biol. 2011 Nov;127(3-5):358-66.

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