



# 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

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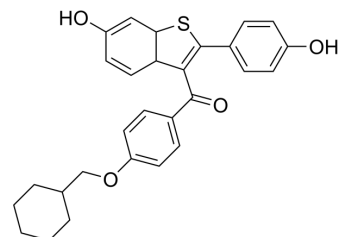
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## YGL-12

<b>Cat. No.:</b>	HY-163432
<b>Molecular Formula:</b>	C <sub>28</sub> H <sub>28</sub> O <sub>4</sub> S
<b>Molecular Weight:</b>	460.58
<b>Target:</b>	PPAR
<b>Pathway:</b>	Cell Cycle/DNA Damage; Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

YGL-12 is a potent PPAR $\gamma$  modulator with good binding affinity and an IC<sub>50</sub> value of 0.85  $\mu$ M. YGL-12 effectively blocks PPAR $\gamma$  Ser273 phosphorylation and can be used in diabetes research<sup>[1]</sup>.

### REFERENCES

[1]. Liu Q, et al. Raloxifene-driven benzothiophene derivatives: Discovery, structural refinement, and biological evaluation as potent PPAR $\gamma$  modulators based on drug repurposing. *Eur J Med Chem.* 2024 Apr 5;269:116325.

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

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