



# 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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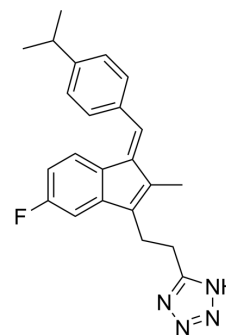
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## K-8012

<b>Cat. No.:</b>	HY-121435
<b>CAS No.:</b>	1346513-17-4
<b>Molecular Formula:</b>	C <sub>23</sub> H <sub>23</sub> FN <sub>4</sub>
<b>Molecular Weight:</b>	374.45
<b>Target:</b>	RAR/RXR; PI3K; Akt; Apoptosis
<b>Pathway:</b>	Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor; PI3K/Akt/mTOR; Apoptosis
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	K-8012, a sulindac (HY-B0008) analog, is a potent antagonist of RXRa. The IC <sub>50</sub> value for K-8012 to inhibit 9-cis-RA-induced Gal4-RXRα-LBD trans-activation were about 9.2 μM. K-8012 exerts improved anticancer activity over sulindac in a RXRα-dependent manner. K-8012 exhibits activity in inhibiting the tRXRα-mediated PI3K/AKT signaling pathway. K-8012 induces apoptosis and inhibits AKT activation by preventing tRXRα from binding to p85a <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	RXR α

### REFERENCES

[1]. Chen L, et al. Sulindac-derived RXRα modulators inhibit cancer cell growth by binding to a novel site. Chem Biol. 2014 May 22;21(5):596-607.

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

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