



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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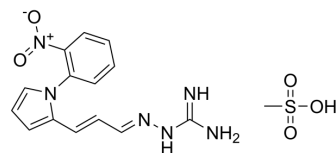
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## Resomelagon methanesulfonate

<b>Cat. No.:</b>	HY-147301B
<b>CAS No.:</b>	2933183-20-9
<b>Molecular Formula:</b>	C <sub>15</sub> H <sub>18</sub> N <sub>6</sub> O <sub>5</sub> S
<b>Molecular Weight:</b>	394.41
<b>Target:</b>	Melanocortin Receptor; ERK
<b>Pathway:</b>	GPCR/G Protein; Neuronal Signaling; MAPK/ERK Pathway; Stem Cell/Wnt
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Resomelagon methanesulfonate (AP1189 methanesulfonate) is the methanesulfonate salt form of Resomelagon (HY-147301). Resomelagon methanesulfonate is an orally active melanocortin receptor (MR) agonist. Resomelagon methanesulfonate induces ERK1/2 phosphorylation and Ca<sup>2+</sup> mobilization. Resomelagon methanesulfonate exhibits anti-inflammatory activity in mouse peritonitis and peritonitis model. Resomelagon methanesulfonate can be used for obesity and chronic inflammation research<sup>[1][2]</sup>.

### REFERENCES

[1]. Montero-Melendez T, et, al. Biased agonism as a novel strategy to harness the proresolving properties of melanocortin receptors without eliciting melanogenic effects. *J Immunol.* 2015 Apr 1;194(7):3381-8.

[2]. WHO Drug Information. International Nonproprietary Names for Pharmaceutical.

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

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