



# 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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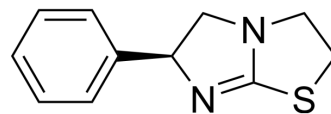
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## Levamisole (Standard)

Cat. No.:	HY-A0106R
CAS No.:	14769-73-4
Molecular Formula:	C <sub>11</sub> H <sub>12</sub> N <sub>2</sub> S
Molecular Weight:	204.29
Target:	nAChR; Parasite
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Levamisole (Standard) is the analytical standard of Levamisole. This product is intended for research and analytical applications. Levamisole ((-)-Levamisole), an anthelmintic agent with immunomodulatory properties. Levamisole acts as a positive allosteric modulator (PAM) for the  $\alpha 3\beta 2$  ( $EC_{50}=300 \mu M$ ) and  $\alpha 3\beta 4$  ( $EC_{50}=100 \mu M$ ) subtype of nAChRs. Orally active<sup>[1]</sup> [2].

### REFERENCES

[1]. Lewis JA, et al. Levamisole: A Positive Allosteric Modulator for the  $\alpha 3\beta 4$  Nicotinic Acetylcholine Receptors Prevents Weight Gain in the CD-1 Mice on a High Fat Diet. *Curr Pharm Des.* 2017;23(12):1869-1872.

[2]. Mehta KP, et al. Immunoregulatory treatment for minimal change nephrotic syndrome. *Arch Dis Child.* 1986;61(2):153-158.

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

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