



# 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

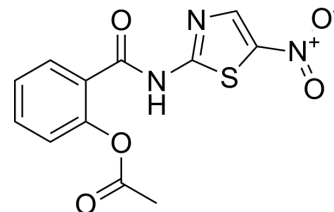
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## Nitazoxanide (Standard)

Cat. No.:	HY-B0217R
CAS No.:	55981-09-4
Molecular Formula:	C <sub>12</sub> H <sub>9</sub> N <sub>3</sub> O <sub>5</sub> S
Molecular Weight:	307.28
Target:	Parasite; Autophagy; Influenza Virus
Pathway:	Anti-infection; Autophagy
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Nitazoxanide (Standard) is the analytical standard of Nitazoxanide. This product is intended for research and analytical applications. Nitazoxanide (NTZ), an anthelmintic agent, exhibits a broad spectrum of activities against a wide variety of helminths, protozoa, and enteric bacteria infecting animals and humans. Nitazoxanide inhibits *Giardia lamblia* trophozoite proliferation in axenic culture with an IC<sub>50</sub> of 2.4 μM<sup>[1]</sup>. Nitazoxanide can be used for the research of parasitic gastroenteritis. Nitazoxanide shows anti-Japanese encephalitis virus (JEV) activity in a mouse model<sup>[2]</sup>.

### REFERENCES

[1]. Rossignol JF, et al. Thiazolides, a new class of anti-influenza molecules targeting viral hemagglutinin at the post-translational level. *J Biol Chem*. 2009 Oct 23;284(43):29798-808.

[2]. Zixue Shi, et al. Nitazoxanide inhibits the replication of Japanese encephalitis virus in cultured cells and in a mouse model. *Virology*. 2014 Jan 23;11:10.

**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