



# 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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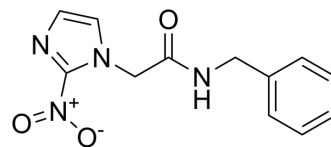
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## Benznidazole (Standard)

Cat. No.:	HY-B1548R
CAS No.:	22994-85-0
Molecular Formula:	C <sub>12</sub> H <sub>12</sub> N <sub>4</sub> O <sub>3</sub>
Molecular Weight:	260.25
Target:	Antibiotic; Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Benznidazole (Standard) is the analytical standard of Benznidazole. This product is intended for research and analytical applications. Benznidazole (Ro 07-1051) is an antiparasitic medication, with an IC<sub>50</sub> of 20.35 μM for Colombian *T. cruzi* strains, and has been used in the treatment of Chagas disease<sup>[1][2]</sup>.

### REFERENCES

- [1]. Bustamante JM, et al. Treatment with benznidazole or thioridazine in the chronic phase of experimental Chagas disease improves cardiopathy. *Int J Antimicrob Agents*. 2007 Jun;29(6):733-7.
- [2]. Luna KP, et al. In vitro susceptibility of *Trypanosoma cruzi* strains from Santander, Colombia, to hexadecylphosphocholine (miltefosine), nifurtimox and benznidazole. *Biomedica*. 2009 Sep;29(3):448-55.

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

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