



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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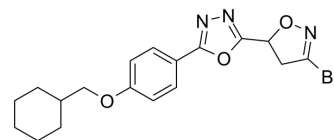
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## Antiparasitic agent-22

Cat. No.:	HY-158379
Molecular Formula:	C <sub>18</sub> H <sub>20</sub> BrN <sub>3</sub> O <sub>3</sub>
Molecular Weight:	406.27
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Antiparasitic agent-22 (Compound 24) is a pan antiparasitic agent, that inhibits *T. Brucei*, *L. infantum*, *L. tropica* promastigotes (IC<sub>50</sub> of 2.41, 5.95, 8.98 μM), *L. infantum* amastigotes (IC<sub>50</sub> of 8.18 μM) and *P. falciparum* W2 strain (IC<sub>50</sub> of 0.155 μM). Antiparasitic agent-22 exhibits low cytotoxicity against THP1, with CC<sub>50</sub> of 64.16 μM<sup>[1]</sup>.

### REFERENCES

[1]. Corfu AI, et al., Discovery of 1,3,4-Oxadiazole Derivatives as Broad-Spectrum Antiparasitic Agents. *ACS Infect Dis.* 2024 May 8.

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

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