



# 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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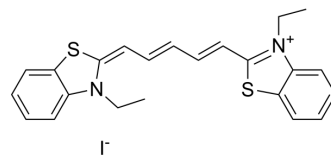
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## Dithiazanine iodide

<b>Cat. No.:</b>	HY-B1636
<b>CAS No.:</b>	514-73-8
<b>Molecular Formula:</b>	C <sub>23</sub> H <sub>23</sub> IN <sub>2</sub> S <sub>2</sub>
<b>Molecular Weight:</b>	518.48
<b>Target:</b>	Parasite
<b>Pathway:</b>	Anti-infection
<b>Storage:</b>	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 16.67 mg/mL (32.15 mM); ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.9287 mL	9.6436 mL	19.2871 mL
5 mM	0.3857 mL	1.9287 mL	3.8574 mL
10 mM	0.1929 mL	0.9644 mL	1.9287 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Dithiazanine iodide is an effective broad-spectrum anthelmintic. Dithiazanine iodide can be used for the research of trichuriasis, strongyloidiasis, enterobiasis, ascariasis, and hookworm infection. Dithiazanine iodide is also a cyanine dye<sup>[1][2]</sup>

### REFERENCES

- [1]. SWARTZWELDER JC, et al. Dithiazanine, an effective broad-spectrum anthelmintic; results of therapy of trichuriasis, strongyloidiasis, enterobiasis, ascariasis, and hookworm infection. *J Am Med Assoc.* 1957 Dec 21;165(16):2063-7.
- [2]. ABADIE SH, et al. A FATALITY ASSOCIATED WITH DITHIAZANINE IODIDE THERAPY. *JAMA.* 1965 Apr 26;192:326-7.

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

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