



# 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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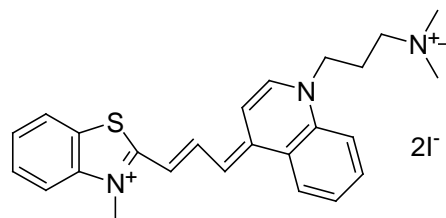
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## PRODUCT AND SAFETY DATA SHEET

**PRODUCT NAME:** Thiazole Red, 1mM in DMSO**CATALOG NUMBER:** 40087**MOLECULAR INFORMATION:** C<sub>26</sub>H<sub>31</sub>I<sub>2</sub>N<sub>3</sub>S  
Mwt: 671.42**PROPERTIES:****Color & Form**

Blue solution

**Purity**

≥ 95% by HPLC

**λ<sub>ex</sub>/λ<sub>em</sub>**

~642/661nm (with DNA)

**STORAGE AND HANDLING:**

Store at -20°C and protect from light.

**APPLICATION:**

Thiazole red, also known as TO-PRO-3, is a cell-impermeant, high-affinity carbocyanine monomeric nucleic acid stain that is essentially nonfluorescent in the absence of nucleic acids but exhibits excitation/emission maxima ~642/661 nm when bound to nucleic acids. Thiazole red is also used as a nuclear counterstain and dead cell indicator.

**TOXICITY:**

Unknown

**FIRST AID:**

Potentially harmful. Avoid prolonged or repeated exposure. Avoid getting in eyes, on skin, or on clothing. Wash thoroughly after handling. If eye or skin contact occurs, wash affected areas with plenty of water for 15 minutes and seek medical advice. In case of inhaling or swallowing, move individual to fresh air and seek medical advice immediately.

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