



# 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

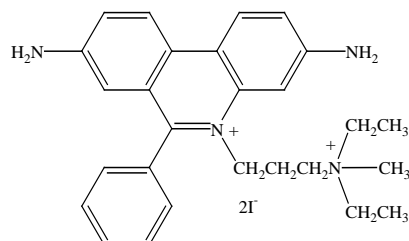
F. +43(0)1 489 3961-7

[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) 

## PRODUCT AND SAFETY DATA SHEET

**PRODUCT NAME:** Propidium Iodide , 1.0mg/ml solution in water**CATALOG #** 40017**MOLECULAR INFORMATION:** C<sub>27</sub>H<sub>34</sub>I<sub>2</sub>N<sub>4</sub>  
MWt: 668.4  
[25535-16-4]**PROPERTIES:**

**Color & Form** Orange red liquid  
**Purity** ≥ 95% by HPLC  
**Solubility** Soluble in water or DMSO  
**Absorption/Emission** 535/617nm (DNA-bound); 493/636nm (no DNA)  
**Extinction Coefficient** 5400 (DNA-bound); 5900 (no DNA)

**STORAGE AND HANDLING:** Stored desiccated at 4 °C and protect from light, especially when in solution.**APPLICATION:** Propidium Iodide is a membrane-impermeant nucleic acid intercalator. The dye is commonly used to selectively stain dead cells in a cell population and also used as a counterstain in multicolor fluorescent imagings.**TOXICITY:** Unknown

<b>FIRST AID:</b>	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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