



# 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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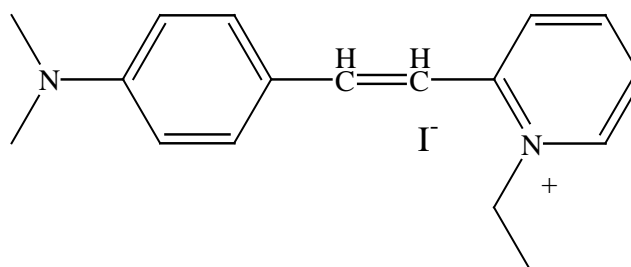
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## PRODUCT AND SAFETY DATA SHEET

**PRODUCT NAME:** **DASPEI** (2-(4-(dimethylamino)styryl)-N-ethylpyridinium iodide)**CATALOG NUMBER:** **70018****MOLECULAR INFORMATION:** C<sub>17</sub>H<sub>21</sub>IN<sub>2</sub>  
Mwt: 380  
[3785-01-1]**PROPERTIES:**

<b>Color &amp; Form</b>	Red Solid
<b>Purity</b>	≥ 99% by HPLC
<b>Solubility</b>	Soluble in DMF
$\lambda_{ex}/\lambda_{em}$	461/589 nm (MeOH)
<b>Extinction</b>	39,000
<b>Coefficient (<math>\epsilon</math>)</b>	

**STORAGE AND HANDLING:**

Store at 4 °C and protect from light, especially when in solution.

**APPLICATION:**

DASPEI is used to stain mitochondria in live cells.

Ref.: 1) *Biochem Biophys Res Comm* **261**, 452 (1999); 2) *J Exp Biol* **202**, 3485 (1999); 3) *J Biol Chem* **272**, 21964 (1997); 4) *Biochim Biophys Acta* **1278**, 205 (1996); 5) *Microscopy Res Technique* **33**, 496(1996).**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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