



# 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

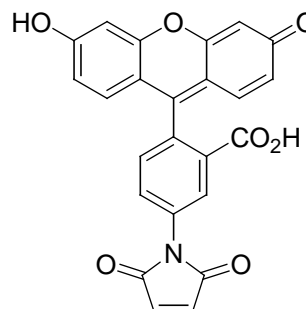
F. +43(0)1 489 3961-7

[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:** Fluorescein-5-maleimide**CATALOG #** 91028**MOLECULAR INFORMATION:** C<sub>24</sub>H<sub>13</sub>NO<sub>7</sub>  
MW: 427  
[75350-46-8]**PROPERTIES:**

<b>Color &amp; Form</b>	Yellow solid
<b>Purity</b>	≥ 95% by HPLC
<b>Solubility</b>	Soluble in water (pH>6), DMF
<b>Absorption/Emission</b>	492/515 nm (pH 9)
<b>Extinction Coefficient</b>	83,000

**STORAGE AND HANDLING:** Store desiccated at -20 °C and protect from light. Aqueous stock solutions should be used within 24 hours. Avoid long-term storage.**APPLICATION:** Fluorescein-5-maleimide is the most widely used green fluorescent thiol-reactive dye. Maleimides generally do not react with histidine or methionine as iodoacetamides do, thus resulting in very specific thiol labeling. The optimum pH for the labeling reaction of maleimides is around 7.0.Ref.: 1) *Anal. Lett.* **18**, 393(1985); 2) *Biochemistry*, **30**, 2113(1991).**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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