



# 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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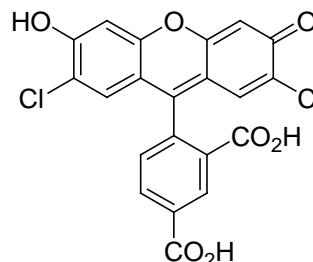
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## PRODUCT AND SAFETY DATA SHEET

**PRODUCT NAME:** 5-Carboxy-2', 7'-dichlorofluorescein (single isomer)**CATALOG #:** 51017**MOLECULAR INFORMATION:** C<sub>21</sub>H<sub>10</sub>Cl<sub>2</sub>O<sub>7</sub>  
Mwt: 445**PROPERTIES:**

<b>Color &amp; Form</b>	Yellow solid
<b>Purity</b>	≥ 98% by TLC
<b>Solubility</b>	Soluble in DMSO, DMF or basic water (pH >7)
<b>λ<sub>ex</sub>/λ<sub>em</sub></b>	504/529nm (pH8)
<b>Extinction Coefficient (ε)</b>	90,000

**STORAGE AND HANDLING:** Store at 4°C and protect from light**APPLICATION:** This dye can be used as a low pH indicator similar to **51015**, and is also useful as a general green fluorescent label. Carboxy-2',7'-dichlorofluorescein is significantly more photo-stable than carboxyfluorescein or FITCRef.: 1) Bramhall, J., et al. *Biochemistry* **26**, 6330(1987); 2) Knight, C.G., et al. *Biochim. Biophys. Acta* **985**, 75(1989); 3) Nedergaard, M. et al. *Anal. Biochem.* **187**, 109(1990).**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.**Disclaimer:** Materials from Biotium are sold for research use only, and are not intended for food, drug, household, or cosmetic use. Biotium is not liable for any damage resulting from handling or contact with this product.