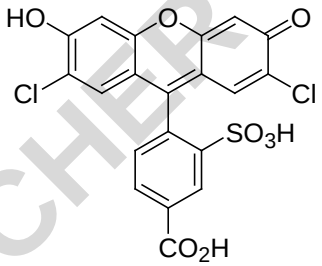
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PRODUCT AND SAFETY DATA SHEET

PRODUCT NAME: **5-Carboxy-2', 7'-dichlorosulfonefluorescein (single isomer)**

CATALOG #: **51023**

MOLECULAR INFORMATION: $C_{20}H_{10}Cl_2O_8S$
Mwt: 481.26



PROPERTIES:

Color & Form	Yellow solid
Purity	≥ 98% by TLC
Solubility	Soluble in DMSO, DMF or basic water (pH >6.5)
$\lambda_{ex}\backslash\lambda_{em}$	509\532nm (pH9)
Extinction Coefficient (ε)	91,800

STORAGE AND HANDLING: Store at 4°C and protect from light

APPLICATION: This dye is a fluorescein derivative that has a pKa around 4. It is suitable for low pH detection.

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.*

DOMINIQUE DUTSCHER SAS