46117 Landing Parkway, Fremont, CA 94538 U.S.A.
Tel: 1-510-265-1027; Fax: 1-510-265-1352

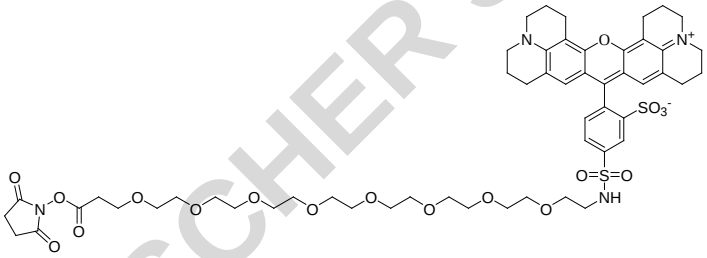
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PRODUCT AND SAFETY DATA SHEET

PRODUCT NAME: **Sulforhodamine 101-PEO$_8$-propionic acid succinimydyl ester**
(SR101-PEO$_8$ SE, or Texas Red-PEO$_8$ SE)

CATALOG # 90099

MOLECULAR INFORMATION: $C_{54}H_{70}N_4O_{18}S_2$
MWt: 1127.28

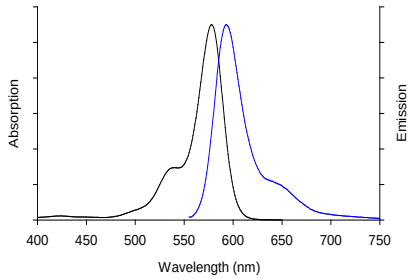


PROPERTIES:

Color & Form	Dark purple solid
Solubility	Soluble in DMF or DMSO
Absorption/Emission	583/603 nm
Extinction Coefficient	90,000

STORAGE AND HANDLING: Store desiccated at -20 °C. Protect from light, especially in solution.

APPLICATION: SR101-PEO$_8$ SE has an approximately 32 Angstrom water-soluble PEG spacer that separates the dye from the amine-reactive SE group. See Figure below for spectra.



Absorption and emission of sulforhodamine 101 products in pH7 buffer

RELATED PRODUCTS *Texas Red-PEO$_2$ SE (#90039); Texas Red-PEO$_{12}$ SE (#90100)*

TOXICITY: Not established. Not listed by NTP, IARC or OSHA.

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.*

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