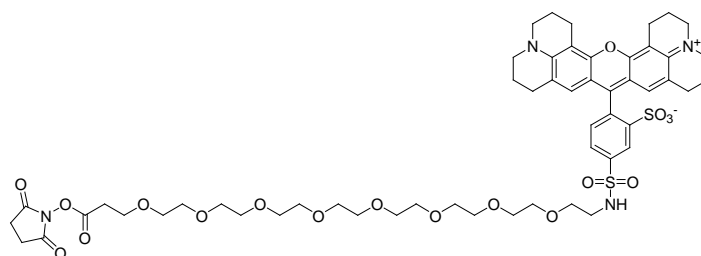


## PRODUCT AND SAFETY DATA SHEET

**PRODUCT NAME:** **Sulforhodamine 101-PEO<sub>8</sub>-propionic acid succinimydyl ester**  
(SR101-PEO<sub>8</sub> SE, or Texas Red-PEO<sub>8</sub> SE)

**CATALOG #** 90099

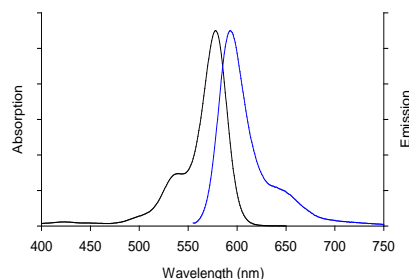
**MOLECULAR INFORMATION:** C<sub>54</sub>H<sub>70</sub>N<sub>4</sub>O<sub>18</sub>S<sub>2</sub>  
MWt: 1127.28

**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<sub>8</sub> 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<sub>2</sub> SE (#90039); Texas Red-PEO<sub>12</sub> 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.*