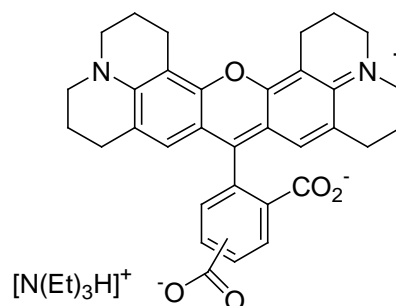


## PRODUCT AND SAFETY DATA SHEET

**PRODUCT NAME:** 5-(and-6)-Carboxy-X-rhodamine, triethylammonium salt (5(6)-ROX)

**CATALOG #** 90004

**MOLECULAR INFORMATION:** C<sub>39</sub>H<sub>45</sub>N<sub>3</sub>O<sub>5</sub>  
Mwt: 635.6

**PROPERTIES:**

**Color & Form** Dark red solid  
**Purity** ≥ 98% by TLC  
**Solubility** Soluble in DMSO, DMF or MeOH  
**Absorption/Emission** 568/595nm (MeOH)  
**Extinction Coefficient**

**STORAGE AND HANDLING:** For long-term storage, store the solid at 4 °C and protect from light.

**APPLICATION:** 5-(and-6)-Carboxy-X-rhodamine is a mixture of long wavelength dyes: 5-Rox and 6-Rox. The dye can be readily activated to couple to amine group using common peptide chemistry.

**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.

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