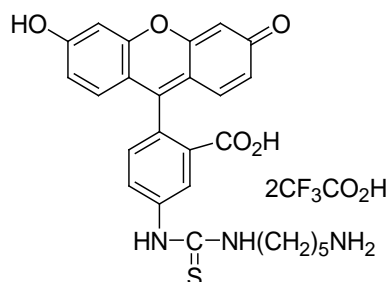


## PRODUCT AND SAFETY DATA SHEET

**PRODUCT NAME:** **Fluorescein cadaverine** (5-((5-aminopentyl)thioureidyl)fluorescein, trifluoroacetate salt)

**CATALOG #:** **92000**

**MOLECULAR INFORMATION:** C<sub>30</sub>H<sub>27</sub>F<sub>6</sub>N<sub>3</sub>O<sub>9</sub>S  
Mwt: 719.61

**PROPERTIES:**

**Color & Form** Off-white solid  
**Purity** ≥ 95% by TLC  
**Solubility** Soluble in pH >6 or DMF  
**λ<sub>ex</sub>/λ<sub>em</sub>** 493/517nm  
**Extinction Coefficient** 80,000

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

**APPLICATION:** Fluorescein cadaverine is a fluorescein derivative with a primary amine group. The dye can be used to react with activated carboxylic acids, isothiocyanates, sulfonyl chlorides and other amine-reactive groups.

Ref: *Histochem J*, **29**, 593-606 (1997)

**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.

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