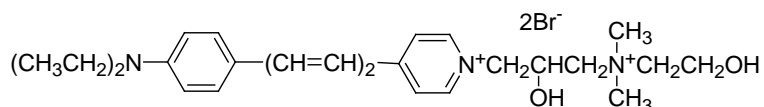


PRODUCT AND SAFETY DATA SHEET

PRODUCT NAME: RH 795**CATALOG #:** 61019**MOLECULAR INFORMATION:** C₂₆H₃₉Br₂N₃O₂
Mwt: 585.42
[172807-13-5]**PROPERTIES:**

Color & Form	Orange red solid.
Solubility	Soluble in H ₂ O
Absorption/Emission	530/ 712nm ³ (MeOH)
Extinction Coefficient	58,000 (MeOH)

STORAGE AND HANDLING: Store desiccated at ≤ -20°C and protect from light.**APPLICATION:** The styryl dye RH795 is a fast-responding potentiometric probe that is primarily used for functional imaging of neurons. The dye is spectrally similar to RH414 (#61016), but exhibits different physiological effects during staining. For example, RH414 causes arterial constriction during cortex staining, while RH795 does not.^{1,2}

Ref.: 1) *Nature J.* **324**, 361(1986); 2) *J. Neurosci.* **14**, 2545(1994); 3) The data is for methanol solution of the dye. In cell membranes, spectra of styryl dyes are typically blue-shifted by as much as 20 nm for absorption or excitation and 80 nm for emission.

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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