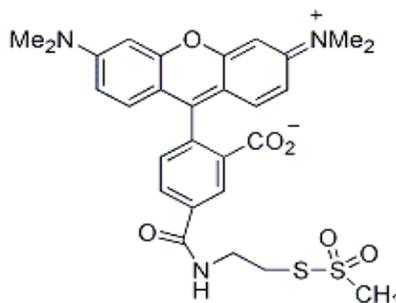


PRODUCT AND SAFETY DATA SHEET

PRODUCT NAME: MTS 5-carboxytetramethylrhodamine (MTS-5-TAMRA)**CATALOG #** 91053**MOLECULAR INFORMATION:** C₂₈H₂₉N₃O₆S₂
MW: 567**PROPERTIES:**

Color & Form	Red solid
Purity	≥ 95% by HPLC
Solubility	Soluble in DMF or DMSO at ≥ 10mg/mL
Absorption/Emission	540/565 nm (MeOH)
Extinction Coefficient	80,000

STORAGE AND HANDLING:

Store desiccated at -20 °C. Protect from light.

APPLICATION:

MTS-5-TAMRA (MTS 5-carboxytetramethylrhodamine) is a fast-reacting and highly selective thiol-reactive label that permits one to attach the popular fluorescent dye carboxytetramethylrhodamine to a thiol group.

Ref: *J. Biol. Chem.*, **281** (39), 28837(2006)**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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