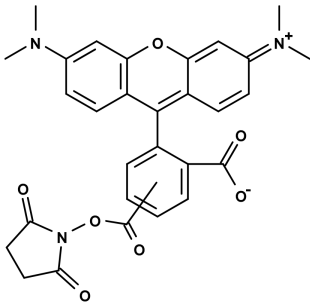
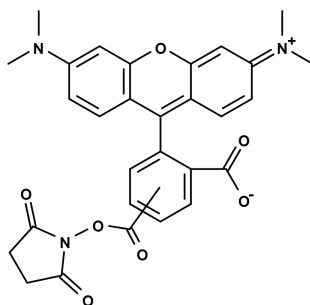


**5(6)-TAMRA, SE**  
**[5-(and-6)-Carboxytetramethylrhodamine,**  
**succinimidyl ester] \*CAS 246256-50-8\***Catalog number: 370, 371, 372  
Unit size: 25 mg, 100 mg, 1 g**Product Details**

Storage Conditions	Freeze (<-15 °C), Minimize light exposure
Expiration Date	12 months upon receiving

**Chemical Properties**

Appearance	Red purple solid
Molecular Weight	527.53
Soluble In	DMSO
Chemical Structure	

**Spectral Properties**

Excitation Wavelength	552 nm
Emission Wavelength	578 nm

**Applications**

The succinimidyl esters of 5-TAMRA, 6-TAMRA or the mixed isomers are the primary labeling reagents for the preparation of orange fluorescent bioconjugates, including peptide, protein, nucleotide and nucleic acid conjugates, especially fluorescent antibodies and avidin derivatives used in immunochemistry. TMR dyes have also been widely used as acceptors for FAM fluorophores in a variety of FRET studies.