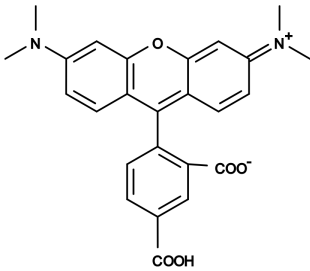
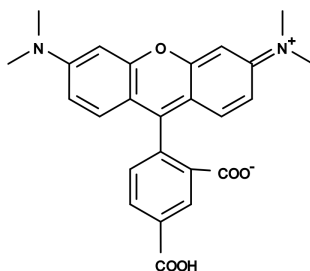


5-TAMRA
[5-Carboxytetramethylrhodamine] *CAS
91809-66-4*Catalog number: 363, 364, 365
Unit size: 10 mg, 100 mg, 1 g**Product Details**

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

Chemical Properties

Appearance	Red solid
Molecular Weight	430.45
Soluble In	DMSO
Chemical Structure	

**Spectral Properties**

Excitation Wavelength	552 nm
Emission Wavelength	578 nm

Applications

5-TAMRA is the purified single isomer of 5(6)-TAMRA. It is widely used to label peptides and proteins. It is preferred for some complicated biological applications where reproducibility is more critical than material cost since the minor positional difference between 5-TAMRA and 6-TAMRA might affect some biological properties of the underlying conjugates. Currently AAT Bioquest is using a proprietary process to synthesize isomer-free 5-TAMRA without the conventional chromatographic purification.