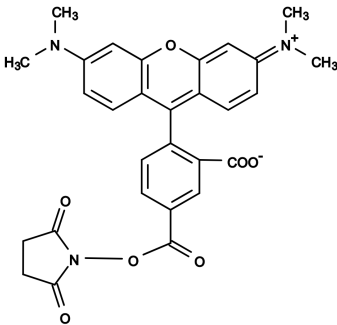
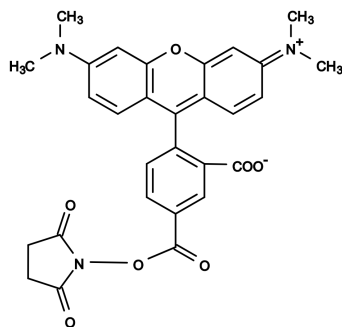


5-TAMRA, SE
[5-Carboxytetramethylrhodamine,
succinimidyl ester] *CAS#: 150810-68-7*Catalog number: 373, 374, 375
Unit size: 5 mg, 100 mg, 1 g**Product Details**

Storage Conditions	Freeze (<math>< -15\text{ }^\circ\text{C}</math>), Minimize light exposure
Expiration Date	12 months upon receiving

Chemical Properties

Appearance	Dark red solid
Molecular Weight	527.53
Soluble In	DMSO
Chemical Structure	

**Spectral Properties**

Excitation Wavelength	552 nm
Emission Wavelength	578 nm

Applications

The single TAMRA isomers are increasingly preferred for labeling peptides and nucleotides because they give better resolution in HPLC purification that is often required in the conjugation processes. 5-TAMRA, SE is predominantly used for labeling peptides and proteins while 6-TAMRA, SE is often used for labeling nucleotides and sequencing nucleic acids.