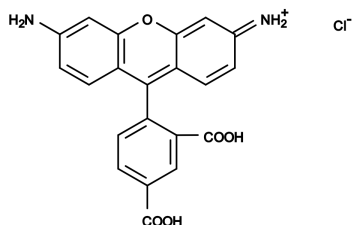


**5-CR110 [5-Carboxyrhodamine 110] \*Single isomer\***Catalog number: 322  
Unit size: 5 mg**Product Details**

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

**Chemical Properties**

Appearance	Red solid
Molecular Weight	410.81
Soluble In	DMSO
Chemical Structure	

**Spectral Properties**

Excitation Wavelength	499 nm
Emission Wavelength	525 nm

**Applications**

Compared to fluorescein labeling reagents such as FITC and FAM, CR110 reagents give more photostable and pH-independent bioconjugates that have the absorption maximum around the preferred 488 nm excitation wavelength. They are photostable alternative reagents superior to FITC and FAM. Carboxyrhodamine 110 is also referred as Rhodamine Green™ Carboxylic Acid.