

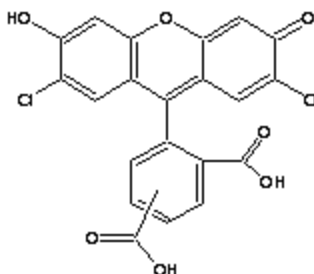
## Product Information Sheet

### Ordering Information

Product Number: 235  
Product Name: CDCF [5-(and-6)-Carboxy-2',7'-dichlorofluorescein] \*Mixed isomers\*  
Unit Size: 100 mg  
Storage Conditions: <-15 °C and kept from light and moisture  
Expiration Date: 12 months upon receiving

### Chemical, Physical and Spectral Properties

Molecular Weight: 445.21  
Appearance: Orange solid  
Chemical Structure:



Soluble in: DMSO  
Excitation Wavelength: 504 nm  
Emission Wavelength: 529 nm

### Application Notes

ROS (reactive oxygen species) and cell cytotoxicity are widely measured using 5-(and -6)-carboxy-2',7'-dichlorofluorescein diacetate staining and fluorescence recovery after photo bleaching. Its efflux is also used for studying multidrug resistance proteins [MRPs and P-glycoprotein (Pgp)].