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)].

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