

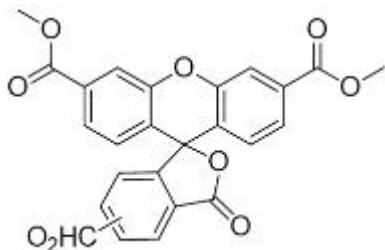
5-(and 6)-CFDA

Article number: KF-YG0871

specification: 100mg

Product information

Structural formula:



Product Application

Carboxyfluorescein diacetate (CFDA) is a membrane-permeable dye that emits fluorescence after being processed by intracellular esterases. Once processed the carboxyfluorescein product exhibits a pH-dependent spectral response similar to fluorescein, and requires cell membrane integrity to retain the intracellular fluorescence. Therefore, CFDA can be to monitor cell viability and intracellular pH.



Product Nature

Molecular formula: C₂₅H₁₆O₉

Molecular weight: 460

Appearance: White solid

$\lambda_{Ex}/\lambda_{Em}=2/517\text{ nm}$

Transportation and storage

Shipping conditions: Room temperature

Storage conditions: Store at -20° C, dry and protected from light. Solid storage is recommended; the product is stable for to 12 years from the date of receipt.

