



## Product Information

### CFDA

Catalog Number	Product Name	Unit Size
C031	CFDA	100 mg

**Storage upon receipt:**

- -20°C
- Protect from light

### Product Description

**5(6)-CFDA** is a cell-permeant esterase substrate that can serve as a viability probe that measures both enzymatic activity, which is required to activate its fluorescence, and cell-membrane integrity, which is required for intracellular retention of their fluorescent product. Upon hydrolysis by intracellular esterases, this ester yields carboxyfluorescein. As compared with fluorescein, carboxyfluorescein contains extra negative charges and is therefore better retained in cells.

### Specifications:

**Chemical name:** 5-(and-6)-Carboxyfluorescein Diacetate

**Molecular Formula:** C<sub>25</sub>H<sub>16</sub>O<sub>9</sub>

**Molecular Weight:** 460.40

**CAS Number:** 124387-19-5