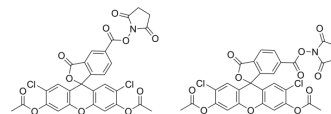


## 5(6)-Carboxy-2',7'-dichlorofluorescein diacetate N-succinimidyl ester

Cat. No.:	HY-D0050
CAS No.:	147265-60-9
Molecular Formula:	C <sub>58</sub> H <sub>34</sub> Cl <sub>4</sub> N <sub>2</sub> O <sub>22</sub>
Molecular Weight:	626.35
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

5(6)-Carboxy-2',7'-dichlorofluorescein diacetate N-succinimidyl ester (cDCFDASE) is a fluorescent probe. 5(6)-Carboxy-2',7'-dichlorofluorescein diacetate N-succinimidyl ester can be used to evaluate the intracellular pH (pH<sub>in</sub>) of living cells at a medium pH (pH<sub>ex</sub>)<sup>[1]</sup>.

### REFERENCES

[1]. Alwazeer D, et al. Comparison Between Fluorescent Probe and Ion-Selective Electrode Methods for Intracellular pH Determination in *Leuconostoc mesenteroides*. *Curr Microbiol.* 2018 Nov;75(11):1493-1497.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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