

5-Carboxy-2',7'-dichlorosulfonefluorescein

The pKa of 5-carboxy-2',7'-dichlorosulfonefluorescein is near 4 and thus the dye is potentially an excellent pH indicator for acidic organelles.



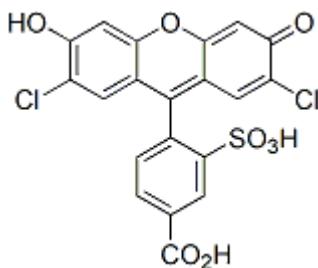
Product attributes

Cell permeability	Membrane impermeant
Probe cellular localization	Fluid phase tracer
pKa	pKa 4.0
Indicator type	Ratiometric
Colors	Green
Excitation/Emission	509/532 nm (pH 9)

Product Description

The pKa of 5-carboxy-2',7'-dichlorosulfonefluorescein is near 4 and thus the dye is potentially an excellent pH indicator for acidic organelles.

- $\lambda_{Ex}/\lambda_{Em}$ = 509/532 nm (pH 9)
- ϵ = 92,000
- Yellow solid soluble in DMSO, DMF or a buffer (pH >6)
- Store at 4 °C and protect from light
- $C_{20}H_{10}Cl_2O_8S$
- MW: 481.26



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Product link: <https://biotium.com/product/5-carboxy-27-dichlorosulfonefluorescein/>