

2',7'-Dichlorofluorescein diacetate (DCF-DA)

Cat# C3117s-50 mg / C3117-500 mg

Storage at 2-8°C and protect from light

INTRODUCTION

2',7'-Dichlorofluorescein diacetate is a cell-permeable non-fluorescent probe. **2',7'-Dichlorofluorescein diacetate** is de-esterified intracellularly and turns to highly fluorescent **2',7'-dichlorofluorescein** upon oxidation.

Applications include sensitive and rapid quantitation of oxygen-reactive species in response to oxidative metabolism; microplate assay for detecting oxidative products in phagocytic cells, and quantitative multiwell myeloid differentiation assay.

INFORMATION

Appearance: White powder

Chemical Formula: $C_{24}H_{16}Cl_2O_7$

Molecular Weight: 487.29

CAS. No: 4091-99-0

Solubility: 25 mg/ml in DMSO

Purity: $\geq 98\%$ (HPLC)

PRODUCT USE LIMITATION

These products are intended for research use only.