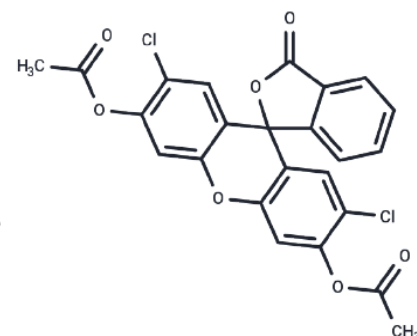


2',7'-Dichlorofluorescein diacetate [2044-85-1]

#Cat: NB-64-10377-1mL	Size: 1mL
#Cat: NB-64-10377-25mg	Size: 25mg
#Cat: NB-64-10377-50mg	Size: 50mg
#Cat: NB-64-10377-100mg	Size: 100mg
#Cat: NB-64-10377-200mg	Size: 200mg
#Cat: NB-64-10377-500mg	Size: 500mg

Chemical Properties

Cas No:	2044-85-1
Formula:	C ₂₄ H ₁₄ Cl ₂ O ₇
Molecular weight:	485.27
Appearance:	no data available
Storage:	keep away from direct sunlight, keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	2',7'-Dichlorofluorescein diacetate (Diacetyldichlorofluorescein), a cell-permeable fluorogenic probe, is useful for the detection of nitric oxide (NO) and reactive oxygen species (ROS) and for the determination of the degree of overall oxidative stress.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 5.79 mg/ml (11.93 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0607 mL	10.3035 mL	20.6071 mL
5 mM	0.4121 mL	2.0607 mL	4.1214 mL
10 mM	0.2061 mL	1.0304 mL	2.0607 mL
50 mM	0.0412 mL	0.2061 mL	0.4121 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible

Reference

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Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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