

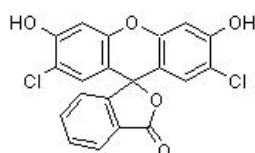
Product datasheet

2,7-Dichlorofluorescein, Intracellular fluorescent label ab146332

Overview

Product name	2,7-Dichlorofluorescein, Intracellular fluorescent label
Description	Intracellular fluorescent label
Biological description	Intracellular fluorescent label. Zinpyr-1 (ab145349), DCFA (ab145439), DFCA DA (ab145415) and DCFDA N-succinimidyl ester (ab145286) precursor. Marker for cellular oxidative stress.
CAS Number	76-54-0

Chemical structure



Properties

Excitation	504nm
Emission	504nm
Chemical name	2',7'-Dichloro-3',6'-dihydroxyspiro[2-benzofuran-3,9'-xanthene]-1-one
Molecular weight	401.20
Molecular formula	C ₂₀ H ₁₀ Cl ₂ O ₅
PubChem identifier	64944
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in ethanol to 50 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	C1=CC=C2C(=C1)C(=O)OC23C4=CC(=C(C=C4OC5=CC(=C(C=C35)Cl)O)O)Cl
Source	Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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