

Product datasheet

DCFA (5(6)-Carboxy-2',7'-dichlorofluorescein), green fluorophore ab145439

[1 References](#) [1 Image](#)

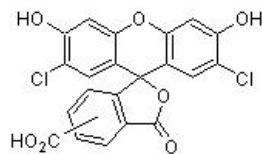
Overview

Product name	DCFA (5(6)-Carboxy-2',7'-dichlorofluorescein), green fluorophore
Description	Green fluorophore. Intracellular pH indicator in the pH 4-5 range.
Biological description	Green fluorophore. Intracellular pH indicator in the pH 4-5 range. DCFA DA (ab145415) precursor. 2,7-Dichlorofluorescein (ab146332) derivative.

Purity > 95%

CAS Number 111843-78-8

Chemical structure



Properties

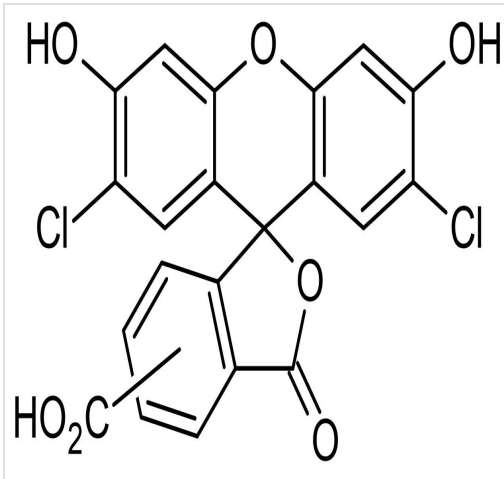
Excitation	495nm
Emission	529nm
Chemical name	5(6)-Carboxy-2',7'-dichlorofluorescein
Molecular weight	445.21
Molecular formula	C ₂₁ H ₁₀ Cl ₂ O ₇
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO
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>Refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked</p>

[questions \(FAQ\) page](#) for more details.

Source

Synthetic

Images



2D chemical structure image of ab145439, DCFA (5(6)-Carboxy-2',7'-dichlorofluorescein), green fluorophore

Chemical Structure - DCFA (5(6)-Carboxy-2',7'-dichlorofluorescein), green fluorophore (ab145439)

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