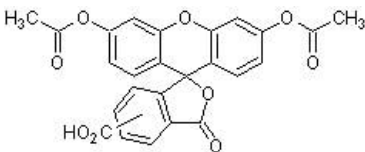


Product datasheet

5(6)-CFDA (5(6)-Carboxyfluorescein diacetate), Amine-reactive green fluorophore ab145278

[1 Image](#)

Overview

Product name	5(6)-CFDA (5(6)-Carboxyfluorescein diacetate), Amine-reactive green fluorophore
Description	Cell-permeable, amine-reactive green fluorophore
Biological description	Cell-permeable, amine-reactive green fluorophore. Covalently labels intracellular proteins, peptides and nucleic acids. 5-CFDA (ab145256) and 6-CFDA (ab145298) isomer mixture. 5(6)-CFDA N-succinimidyl ester (ab145291) precursor.
Purity	> 90%
CAS Number	124387-19-5
Chemical structure	

Properties

Excitation	495nm
Emission	520nm
Chemical name	5(6)-Carboxyfluorescein diacetate
Molecular weight	460.39
PubChem identifier	44119974
Storage instructions	Store at +4°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>

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

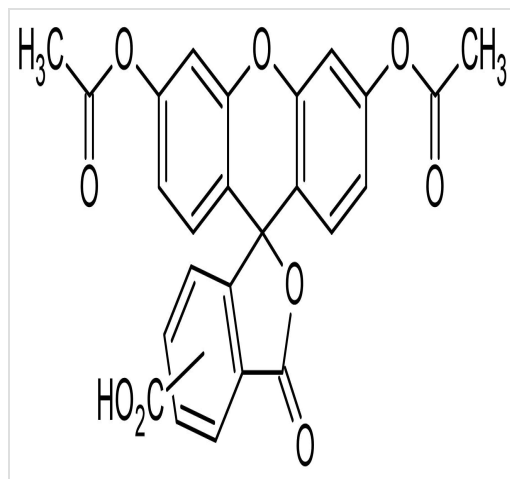
SMILES

CC(=O)OC1=CC2=C(C=C1)C3(C4=C(O2)C=C(C=C4)OC(=O)C)C5=C(C=CC(=C5)C(=O)O)C(=O)O3.CC(=O)OC1=CC2=C(C=C1)C3(C4=C(O2)C=C(C=C4)OC(=O)C)C5=C(C=CC(=C5)C(=O)O)C(=O)O3

Source

Synthetic

Images



2D chemical structure image of ab145278, 5(6)-CFDA (5(6)-Carboxyfluorescein diacetate), Amine-reactive green fluorophore

Chemical Structure - 5(6)-CFDA (5(6)-Carboxyfluorescein diacetate), Amine-reactive green fluorophore (ab145278)

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

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