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## Product Data Sheet

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Product Name: 5-CFDA (5-Carboxyfluorescein diacetate)

Cat. No.: GC33489

### Chemical Properties

Cas. No. 79955-27-4

SMILES O=C(C1=CC2=C(C3(C4=C(OC5=C3C=CC(OC(C)=O)=C5)C=C(OC(C)=O)C=C4)OC2=O)C=C1)O

Formula  $C_{25}H_{16}O_9$

M.Wt

460.39

Solubility DMSO :  $\geq 4.7$  mg/mL (10.21 mM)

Storage

Store at  $-20^{\circ}\text{C}$

General For obtaining a higher solubility , please warm the tube at  $37^{\circ}\text{C}$  and shake it in the ultrasonic bath for a while. Stock solution can be stored below  $-20^{\circ}\text{C}$  for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice Condition upon request.

Structure

### Background

5-CFDA(5-Carboxyfluorescein diacetate) is membrane-permeant and can be loaded into cells via incubation; hydrolyzed by intracellular esterases to 5-carboxyfluorescein; used for labeling human intervertebral disk cells in vitro for fluorescence microscopy.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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