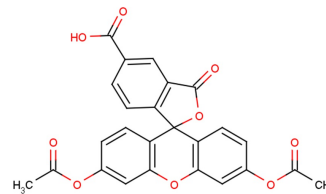


## 5-CFDA

## Chemical Properties

CAS No.:	79955-27-4
Formula:	C <sub>25</sub> H <sub>16</sub> O <sub>9</sub>
Molecular Weight:	460.39
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	5-CFDA(5-Carboxyfluorescein diacetate) is membrane-permeant. It can be loaded into cells via incubation and hydrolyzed by intracellular esterases to 5-carboxyfluorescein that used for labeling human intervertebral disk cells in vitro for fluorescence microscopy.
Targets(IC <sub>50</sub> )	Others: None

## Solubility Information

Solubility	DMSO: 100 mg/mL (217.21 mM) ( < 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.172 mL	10.86 mL	21.721 mL
5 mM	0.434 mL	2.172 mL	4.344 mL
10 mM	0.217 mL	1.086 mL	2.172 mL
50 mM	0.043 mL	0.217 mL	0.434 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

Tel:781-999-4286

E-mail:[info@targetmol.com](mailto:info@targetmol.com)

Address:36 Washington Street,Wellesley Hills,MA 02481