

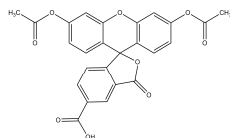
Product: 5-CFDA

ALTERNATE NAME: 5-Carboxyfluorescein diacetate

CATALOG #: 2757-25, 100

AMOUNT: 25 mg, 100 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₅H₁₆O₉

MOLECULAR WEIGHT: 460.39

CAS NUMBER: 79955-27-4

APPEARANCE: Off-white solid

SOLUBILITY: In DMSO (~5 mg/ml)

PURITY: ≥95% by HPLC

STORAGE: Store at -20 °C. Protect from air and light

DESCRIPTION: 5-CFDA is a non-fluorescent, hydrophobic cell-permeable, vital stain. Once inside the cells, 5-CFDA is hydrolyzed by intracellular esterases to highly fluorescent 5-carboxyfluorescein (5-CF).

REFERENCE: Bruning, J.W., *et al.* (1980). *J. Immunol. Methods* **73**, 33.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Cell-Mediated Cytotoxicity Fluorometric Assay Kit (7-AAD/CFSE) (Cat. No. K315-100)

6-CFDA (Cat. No. 2758-25, 100)

FOR RESEARCH USE ONLY! Not to be used on humans.