

# 6-FAM

Catalog No: tcsc3060



## Available Sizes

**Size:** 100mg

**Size:** 500mg



## Specifications

**CAS No:**

3301-79-9

**Formula:**

$C_{21}H_{12}O_7$

**Pathway:**

Others

**Target:**

Others

**Purity / Grade:**

>98%

**Solubility:**

DMSO :  $\geq 40$  mg/mL (106.29 mM)

**Alternative Names:**

6-Carboxyfluorescein

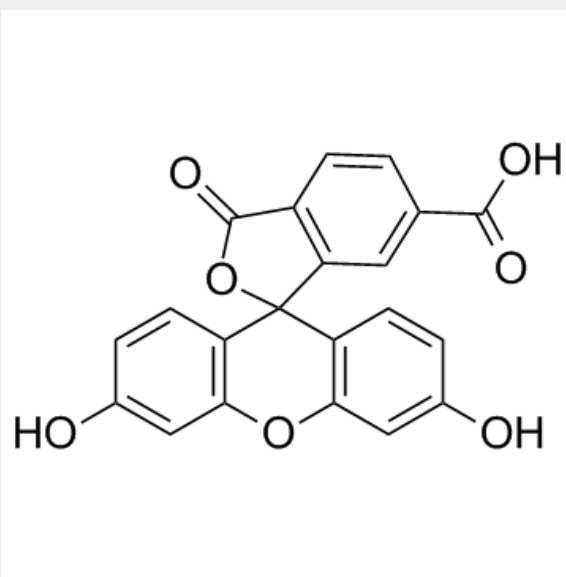
**Observed Molecular Weight:**

376.32

## Product Description

The single isomer, 6-FAM, contains a carboxylic acid that can be used to react with primary amines via carbodiimide activation of the carboxylic acid. Fluorescein is the most common fluorescent derivatization reagent for labeling biomolecules. In addition to its

relatively high absorptivity, excellent fluorescence quantum yield, and good water solubility, fluorescein has an excitation maximum that closely matches the 488 nm spectral line of the argon-ion laser.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!