

Product Information

5(6)-FAM

Catalog Number: F5012

Product Size: 50 mg

Application Scopes: pH indicator, polar tracer

Parameters

Appearance: Yellow orange solid soluble in pH > 6 water

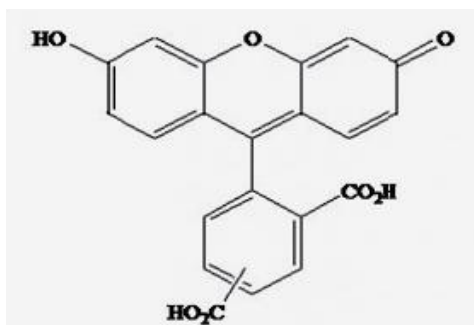
$\lambda_{Ex}/\lambda_{Em} = 492/514 \text{ nm (PH=9)}$

CAS No.: 72088-94-9

Molecular Formula: $C_{21}H_{12}O_7$

Molecular Weight: 376.32

Molecular Structure:



Storage

Store at 4°C and protect from light. When stored as directed,

product is stable for at least 12 months.

Description

5(6)-FAM can be used as a pH sensor. The excitation spectrum of the dye responds to pH similarly to that of BCECF. Carboxyfluorescein can also be used as a tracer dye, which can be combined with proteins and nucleic acid biomacromolecules and is widely used in biological research.

5(6)-FAM is membrane-impermeant and can be loaded into cells by microinjection or scrape loading.

Notes

1. There are quenching problems with fluorescent dyes. Please avoid light to slow down the fluorescence quenching.
2. For your safety and health, please wear lab coats and disposable gloves.

