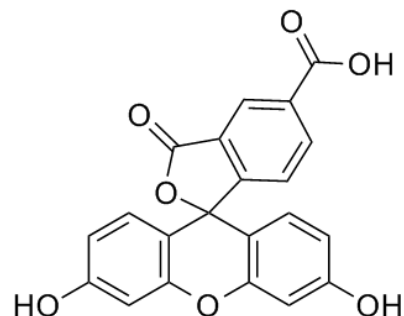


Product Name : 5-FAM
Cat. No. : PC-45931
CAS No. : 76823-03-5
Molecular Formula : C₂₁H₁₂O₇
Molecular Weight : 376.3158
Target : Fluorescent Dye
Solubility : DMSO: ≥ 31 mg/mL



Biological Activity

The single isomer, 5-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.

References

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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