

Product Data Sheet

Product Name: 6-Carboxyfluorescein dipivalate

Cat. No.: GC78732

Chemical Properties

Cas. No. 192374-17-7

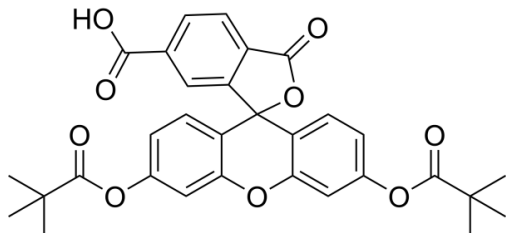
Formula $C_{31}H_{28}O_9$ M.Wt 544.55

Solubility DMSO: 50 mg/mL (91.82 mM; Need ultrasonic) Storage Store at -20°C, protect from light

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

6-Carboxyfluorescein dipivalate is a non-fluorescent derivative of 6-Carboxyfluorescein. 6-Carboxyfluorescein dipivalate is hydrolyzed by intracellular esterases to its neovalerate group, thus converting it into fluorescent 6-Carboxyfluorescein, which can be used for cell viability detection and tracking studies.

Caution: Product has not been fully validated for medical applications. For research use only.

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