

Product Data Sheet

Product Name: 6-carboxy-4', 5'-dichloro-2', 7'-dimethoxyfluorescein

Cat. No.: GF19618

Chemical Properties

Cas. No. 82855-40-1

Formula C₂₃H₁₄Cl₂O₉

M.Wt 505.25786

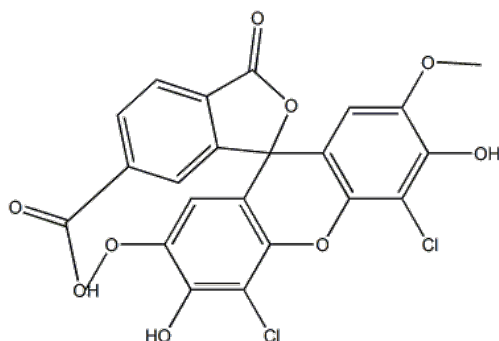
Solubility

Storage Store at RT

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

JOE is a fluorescent dye and can be used as a fluorescent label in DNA sequencing, PCR, and LCR amplifications. JOE possesses an absorbance of 525 nm and an emission of 550 nm.

[1]. Tsybulsky DA, et al. 4',5'-Dichloro-2',7'-dimethoxy-5(6)-carboxyfluorescein (JOE): synthesis and spectral properties of oligonucleotide conjugates. J Org Chem. 2012 Jan 20;77(2):977-84.

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

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