
Product Data Sheet

Product Name: 5(6)-Carboxy-2',7'-dichlorofluorescein

Cat. No.: GC68211

Chemical Properties

Cas. No. 111843-78-8

Formula C₄₂H₂₀Cl₄O₁₄

M.Wt 445.21

Solubility DMSO : 31.25 mg/mL (70.19 mM; Need ultrasonic)

Storage 4°C, away from moisture

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**

5(6)-Carboxy-2',7'-dichlorofluorescein is an ideal substrate for MRP2 vesicular transport assay, with excellent detection and transport properties^[1].

[1]. Heredi-Szabo K, et al. Characterization of 5(6)-carboxy-2,'7'-dichlorofluorescein transport by MRP2 and utilization of this substrate as a fluorescent surrogate for LTC4. J Biomol Screen. 2008 Apr;13(4):295-301.

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

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