

Product Data Sheet

Product Name: Coumarin 343

Cat. No.: GF15028

Chemical Properties

Cas. No. 55804-65-4

Formula C₁₆H₁₅NO₄

M.Wt 285.3

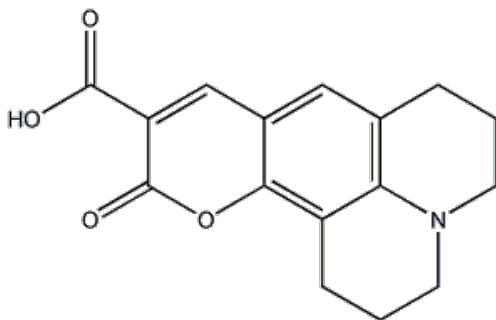
Solubility

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

Coumarin 343 (C343) is a hydrophilic fluorescent probe for the micro water pool. λ_{em} is approximately 425 nm and λ_{ex} is approximately from 425 nm to 550 nm by RF-1500.

[1]. Keiju Yamazaki, et al. Fluorometric analysis on physicochemical properties of phosphatidylcholine-based W/O microemulsion involved with enzymatic reactivity in phospholipid hydrolysis. Korean Journal of Chemical Engineering volume 25, pages 1439-1443 (2008).

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

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