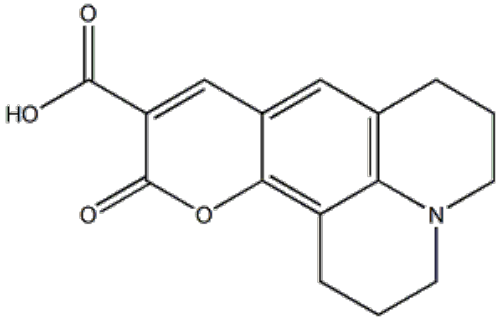
Product Data Sheet

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. 位em is approximately 425 nm and位em 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鈥?443 (2008).

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