Product Data Sheet

Product Name: Coumarin 6H
Cat. No.: GC67744

Chemical Properties

Cas. No.	58336-35-9		
Formula	$C_{15}H_{15}NO_2$	M.Wt	241.29
Solubility	DMSO : 12.5 mg/mL (51.80 mM; ultrasonic and warming and heat to 60°C)	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 ℃ and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20℃ 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	Coumarin 6H		

Background

Coumarin 6H, a Coumarin (Coumarin) derivative, is a laser dye. The fluorescence emission of Coumarin 6H can be enhanced by hydrogen bonding interactions[1][2].

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[1]. P M French, et al. Passively mode-locked cw Coumarin 6 ring dye laser. Opt Lett. 1989 Feb 15;14(4):217-8.
[2]. Zhixiang Han, et al. A novel fluorescent probe with extremely low background fluorescence for sensing hypochlorite in zebrafish. Anal Biochem. 2020 Aug 1;602:113795.

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