
Product Data Sheet

Product Name: Fluorescent Brightener 28

Cat. No.: GC65403

Chemical Properties

Cas. No. 4193-55-9

Formula C₄₀H₄₂N₁₂Na₂O₁₀S₂

M.Wt 960.95

Solubility DMSO : 4.9 mg/mL (5.10 mM; ultrasonic and warming and adjust pH to 5 with HCl and heat to 80°C)

Store
Storage at -
20°CGeneral
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**

Fluorescent Brightener 28 is a visible light emitting diode (LED)-light sensitive photoinitiator for free radical photopolymerizations[1].

[1]. Xiaoling Zuo, et al. Fluorescent Brighteners as Visible LED-Light Sensitive Photoinitiators for Free Radical Photopolymerizations. *Macromol Rapid Commun.* 2016 May;37(10):840-4.

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

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