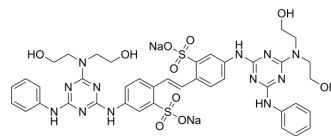


## Fluorescent Brightener 28

Cat. No.:	HY-D0367
CAS No.:	4193-55-9
Molecular Formula:	C <sub>40</sub> H <sub>42</sub> N <sub>12</sub> Na <sub>2</sub> O <sub>10</sub> S <sub>2</sub>
Molecular Weight:	960.95
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Solution, -20°C, protect from light, 2 years



### SOLVENT & SOLUBILITY

#### In Vitro

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

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.0406 mL	5.2032 mL	10.4064 mL
	5 mM	0.2081 mL	1.0406 mL	2.0813 mL
	10 mM	---	---	---

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

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

### REFERENCES

[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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA