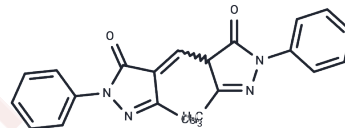


Solvent Yellow 93

Chemical Properties

CAS No. :	4702-90-3
Formula:	C ₂₁ H ₁₈ N ₄ O ₂
Molecular Weight:	358.39
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Solvent Yellow 93, an azomethine dye, is used as a colorant of toner.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: < 1 mg/mL (insoluble or slightly soluble), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7903 mL	13.9513 mL	27.9026 mL
5 mM	0.5581 mL	2.7903 mL	5.5805 mL
10 mM	0.279 mL	1.3951 mL	2.7903 mL
50 mM	0.0558 mL	0.279 mL	0.5581 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Tsutomu Igarashi, et al. Photopolymerizable composition. JP2000241971A.
Yoshiaki Kobayashi, et al. Image forming method. JPH11184156A.

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