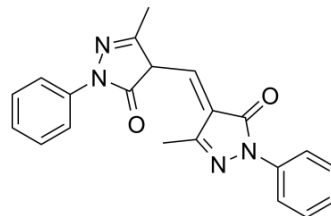


## Solvent Yellow 93

Cat. No.:	HY-D0376
CAS No.:	4702-90-3
Molecular Formula:	C <sub>21</sub> H <sub>18</sub> N <sub>4</sub> O <sub>2</sub>
Molecular Weight:	358.39
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 6.25 mg/mL (17.44 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.7903 mL	13.9513 mL	27.9026 mL
	5 mM	0.5581 mL	2.7903 mL	5.5805 mL
	10 mM	0.2790 mL	1.3951 mL	2.7903 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Solvent Yellow 93 is an azomethine dye. Solvent Yellow 93 is used as a colorant of toner<sup>[1][2]</sup>.

### REFERENCES

[1]. Tsutomu Igarashi, et al. Photopolymerizable composition. JP2000241971A.

[2]. Yoshiaki Kobayashi, et al. Image forming method. JPH11184156A.

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

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