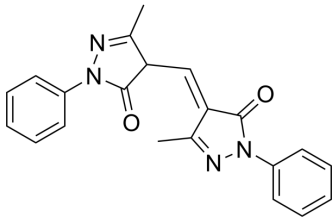
Solvent Yellow 93

Cat. No.:	HY-D0376
CAS No.:	4702-90-3
Molecular Formula:	$C_{21}H_{18}N_4O_2$
Molecular Weight:	358.39
Target:	Fluorescent Dye
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

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

Preparing Stock Solutions	Mass / Solvent / Concentration	1 mg	5 mg	10 mg
	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[1][2].

REFERENCES

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

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

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

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