



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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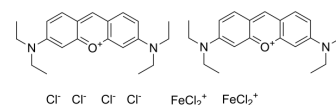
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## Pyronine B

Cat. No.:	HY-D0949
Molecular Formula:	C <sub>42</sub> H <sub>54</sub> Cl <sub>8</sub> Fe <sub>2</sub> N <sub>4</sub> O <sub>2</sub>
Molecular Weight:	1042.22
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 : 50 mg/mL (47.97 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	0.9595 mL	4.7975 mL	9.5949 mL
				5 mM	0.1919 mL	0.9595 mL	1.9190 mL
				10 mM	0.0959 mL	0.4797 mL	0.9595 mL
Please refer to the solubility information to select the appropriate solvent.							
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 2.5 mg/mL (2.40 mM); Suspended solution; Need ultrasonic						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (2.40 mM); Clear solution						

### BIOLOGICAL ACTIVITY

Description	Pyronine B is an organic cationic dye. Pyronin B as a solution-processable and heating-free n-type dopant can be used for soft electronics <sup>[1]</sup> .
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### REFERENCES

[1]. Eun Kwang Lee, et al. Reduced Pyronin B as a solution-processable and heating-free n-type dopant for soft electronics.

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

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