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Produktinformation



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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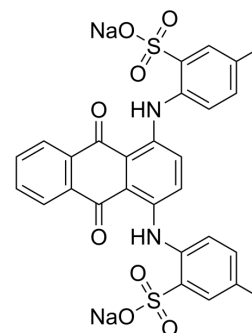
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Alizarin cyanin green F

Cat. No.:	HY-D1175
CAS No.:	4403-90-1
Molecular Formula:	C ₂₈ H ₂₀ N ₂ Na ₂ O ₈ S ₂
Molecular Weight:	622.58
Target:	Fluorescent Dye
Pathway:	Others
Storage:	RT, sealed storage, away from moisture and light



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (80.31 mM; Need ultrasonic)
 H₂O : 5.83 mg/mL (9.36 mM; ultrasonic and warming and heat to 60°C)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.6062 mL	8.0311 mL	16.0622 mL
	5 mM	0.3212 mL	1.6062 mL	3.2124 mL
	10 mM	0.1606 mL	0.8031 mL	1.6062 mL

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

BIOLOGICAL ACTIVITY

Description

Alizarin cyanin green F is an alizarin dye that reacts with calcium possibly via sulfonic acid and/or OH groups.

REFERENCES

[1]. PUCHTLER H, Meloan S N, TERRY M S. On the history and mechanism of alizarin and alizarin red S stains for calcium[J]. Journal of Histochemistry & Cytochemistry, 1969, 17(2): 110-124.

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

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