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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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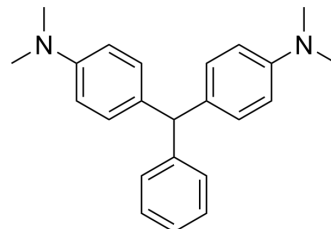
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Leucomalachite green

Cat. No.:	HY-D0300
CAS No.:	129-73-7
Molecular Formula:	C ₂₃ H ₂₆ N ₂
Molecular Weight:	330
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 : 100 mg/mL (303.03 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	3.0303 mL	15.1515 mL	30.3030 mL
				5 mM	0.6061 mL	3.0303 mL	6.0606 mL
				10 mM	0.3030 mL	1.5152 mL	3.0303 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 (7.58 mM); Suspended solution						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (7.58 mM); Clear solution						
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (7.58 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	Leucomalachite green is a triphenylmethane dye used to detect blood. Leucomalachite green, a major metabolite of malachite green, is a potential carcinogen, teratogen and mutagen ^{[1][2]} .
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REFERENCES

[1]. Ya-hui Li, et al. Development of a group selective molecularly imprinted polymers based solid phase extraction of malachite green from fish water and fish feed samples. Anal Chim Acta. 2008 Aug 29;624(2):317-25.

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

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