



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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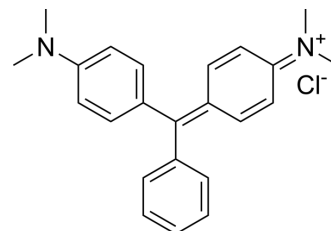
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Basic green 4

Cat. No.: HY-D0203
CAS No.: 569-64-2
Molecular Formula: $C_{23}H_{25}ClN_2$
Molecular Weight: 364.91
Target: Fluorescent Dye
Pathway: Others
Storage: 4°C, sealed storage, away from moisture
 * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (274.04 mM; Need ultrasonic)
 H₂O : 3.85 mg/mL (10.55 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.7404 mL	13.7020 mL	27.4040 mL
	5 mM		0.5481 mL	2.7404 mL	5.4808 mL
	10 mM		0.2740 mL	1.3702 mL	2.7404 mL

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

BIOLOGICAL ACTIVITY

Description

Basic green 4 (Malachite green) is a cationic dye. Basic green 4 also is an N-methylated diaminotriphenylmethane dye to be used for coloring purpose^[1].

REFERENCES

[1]. Chowdhury. S, et al. Sea shell powder as a new adsorbent to remove Basic Green 4 (Malachite Green) from aqueous solutions: Equilibrium, kinetic and thermodynamic studies. Chemical Engineering Journal, 164(1), 168–177.

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

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