



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

SZABO-SCANDIC Handels GmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

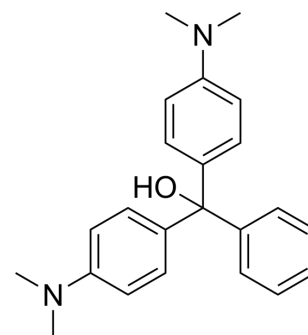
www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic)



Malachite Green Carbinol base

Cat. No.:	HY-D1200
CAS No.:	510-13-4
Molecular Formula:	C ₂₃ H ₂₆ N ₂ O
Molecular Weight:	346.47
Target:	Fungal; Parasite
Pathway:	Anti-infection
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description	Malachite Green Carbinol base (MGOH, MGCB) is a derivative of Malachite green (MG) with not fluorescence. Malachite green carbinol base (MGOH, MGCB), as a pH regulation reagent, MGCB molecule could release OH ⁻ under UV light irradiation and generate a progressive shift in pH values. MGCB solution turns from colorless to deep green rapidly when exposed to a high-pressure UV lamp (500 W, 50 W/cm) ^{[1][2]} .
In Vitro	Malachite Green Carbinol base (MGOH, MGCB), a triphenylmethane leucohydroxide derivative, is used as a light-induced hydroxide ion emitter. Used for dyeing silk, wool, jute, leather, and cotton. Also used as a biological stain and fungicide/parasiticide for fish ^{[1][2]} MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Yubin Zhou, et al. Organic additives stabilize RNA aptamer binding of malachite green. Talanta. 2016 Nov 1;160:172-182
- [2]. Can Xu, et al. Versatile Dual Photoresponsive System for Precise Control of Chemical Reactions. ACS Nano. 2017 Aug 22;11(8):7770-7780.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA