



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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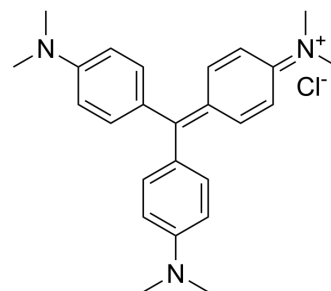
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Crystal Violet (Standard)

Cat. No.:	HY-B0324AR
CAS No.:	548-62-9
Molecular Formula:	C ₂₅ H ₃₀ ClN ₃
Molecular Weight:	407.98
Target:	Fluorescent Dye; Influenza Virus; Bacterial
Pathway:	Others; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Crystal Violet (Standard) is the analytical standard of Crystal Violet. This product is intended for research and analytical applications. Crystal Violet, also known as Gentian violet, methyl violet 10B, is a triphenyl-methane, an alkaline dye that binds to DNA in the nucleus of a cell, staining it a deep purple. It is often used for Gram staining to classify bacteria, or for cell or histological staining^[1].

REFERENCES

- [1]. Beveridge, T.J. and S. Schultze-Lam, The response of selected members of the archaea to the gram stain. Microbiology, 1996. 142 (Pt 10): p. 2887-95.
- [2]. Coico, R., Gram staining. Curr Protoc Microbiol, 2005. Appendix 3: p. Appendix 3C.
- [3]. Bil, J., et al., Statins potentiate cytostatic/cytotoxic activity of sorafenib but not sunitinib against tumor cell lines in vitro. Cancer Lett, 2010. 288(1): p. 57-67.
- [4]. Nagayama A. Inactivation of influenza A virus by gentian violet (GV) and GV-dyed cotton cloth, and bactericidal activities of these agents. J Infect Chemother. 2006 Apr;12(2):73-9.
- [5]. Xiao X, et al. Analysis of trace malachite green, crystal violet, and their metabolites in zebrafish by surface-coated probe nanoelectrospray ionization mass spectrometry. Talanta. 2020 Sep 1;217:121064.

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

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