



# 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 HandelsgmbH

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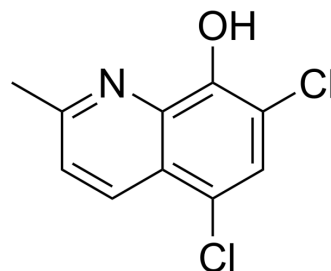
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## Chlorquinaldol (Standard)

Cat. No.:	HY-B1360R
CAS No.:	72-80-0
Molecular Formula:	C <sub>10</sub> H <sub>7</sub> Cl <sub>2</sub> NO
Molecular Weight:	228.07
Target:	Antibiotic; Bacterial; Fungal; $\beta$ -catenin; Apoptosis
Pathway:	Anti-infection; Stem Cell/Wnt; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Chlorquinaldol (Standard) is the analytical standard of Chlorquinaldol. This product is intended for research and analytical applications. Chlorquinaldol (Chloquinan) is an antibacterial agent with the potential use in topical skin conditions and vaginal infections. Chlorquinaldol is a  $\beta$ -catenin/TCF4 inhibitor, showing anti-proliferation, anti-migration, and apoptosis-inducing activity in cancer cells<sup>[1][2]</sup>.

### REFERENCES

[1]. Bortolin M, et al. In vitro Antimicrobial Activity of Chlorquinaldol against Microorganisms Responsible for Skin and Soft Tissue Infections: Comparative Evaluation with Gentamicin and Fusidic Acid. *Front Microbiol.* 2017 Jun 8;8:1039.

[2]. Wang L, et al. Chlorquinaldol targets the  $\beta$ -catenin and T-cell factor 4 complex and exerts anti-colorectal cancer activity. *Pharmacol Res.* 2020 Sep;159:104955.

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

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