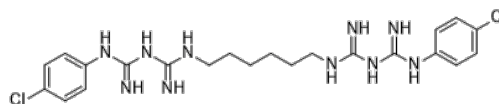


Product Name : Chlorhexidine
Cat. No. : PC-26628
CAS No. : 55-56-1
Molecular Formula : C₂₂H₃₀Cl₂N₁₀
Molecular Weight : 505.45
Target : Bacterial
Solubility : 10 mM in DMSO



Biological Activity

Chlorhexidine is an orally active cationic antimicrobial agent that targets microbial cell membranes, binds to cell membrane phospholipids non-specifically, destroys membrane structure and induces leakage of cell contents, shows broad-spectrum bactericidal activity against both Gram-positive and Gram-negative bacteria.

References

Faria G, et al. J Endod. 2007 Jun;33(6):715-22.

Zhang J, et al. Toxics. 2023 Nov 7;11(11):910.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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