

Chlorhexidine (digluconate)

Catalog No: tcsc2827



Available Sizes

Size: 100mg

Size: 500mg



Specifications

CAS No:

18472-51-0

Formula:

$C_{34}H_{54}Cl_2N_{10}O_{14}$

Pathway:

Anti-infection

Target:

Bacterial

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 38 mg/mL (42.33 mM)

Observed Molecular Weight:

897.76

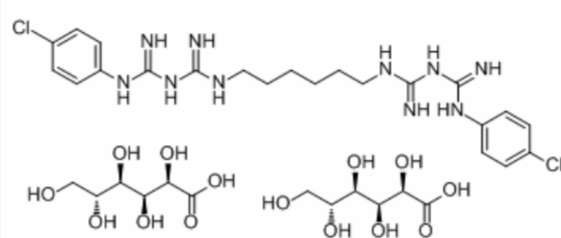
Product Description

Chlorhexidine is an antiseptic effective against a wide variety of gram-negative and gram-positive organisms.

Target: Antibacterial

Chlorhexidine is a chemical antiseptic. It is effective on both Gram-positive and Gram-negative bacteria, although it is less effective with some Gram-negative bacteria. It has both bactericidal and bacteriostatic mechanisms of action, the mechanism of action being

membrane disruption, not ATPase inactivation as previously thought. It is also useful against fungi and enveloped viruses, though this has not been extensively investigated. Chlorhexidine is harmful in high concentrations, but is used safely in low concentrations in many products, such as mouthwash and contact lens solutions [1, 2].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!