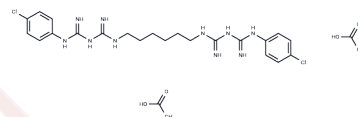


## Chlorhexidine diacetate

## Chemical Properties

CAS No. : 56-95-1  
 Formula: C<sub>26</sub>H<sub>38</sub>Cl<sub>2</sub>N<sub>10</sub>O<sub>4</sub>  
 Molecular Weight: 625.55  
 Appearance: no data available  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

Description	Chlorhexidine diacetate (Bactigras) is a disinfectant and topical anti-infective agent used also as mouthwash to prevent oral plaque.
Targets(IC50)	Antibacterial,Antibiotic,Antifection

## Solubility Information

Solubility	DMSO: 50 mg/mL (79.93 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5986 mL	7.993 mL	15.9859 mL
5 mM	0.3197 mL	1.5986 mL	3.1972 mL
10 mM	0.1599 mL	0.7993 mL	1.5986 mL
50 mM	0.032 mL	0.1599 mL	0.3197 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

## Reference

Solov'eva NN, et al. Antibiotiki. 1979 Jun;24(6):436-40.

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