
Product Data Sheet

Product Name: Chlorhexidine HCl

Cat. No.: GC15204

Chemical Properties

Cas. No. 3697-42-5

Chemical Name (1E)-2-[6-[[amino-[(E)-amino-(4-chloroanilino)methylidene]amino]methylidene]amino]hexyl]-1-[amino-(4-chloroanilino)methylidene]guanidine;dihydrochloride

SMILES C1=CC(=CC=C1NC(=NC(=NCCCCCN=C(N)N=C(N)NC2=CC=C(C=C2)Cl)N)N)Cl.Cl.ClFormula $C_{22}H_{30}Cl_2N_{10} \cdot 2HCl$ M.Wt 578.37Solubility $\geq 24\text{mg/mL}$ in DMSO with gentle warming Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37°C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure **Background**

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

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

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