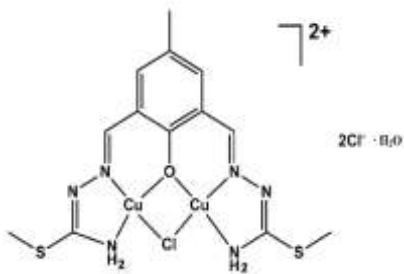


a 2019 0026

The invention relates to the use of a coordination compound of copper based on aromatic isothiosemicarbazones as an antibacterial agent and can be applied in medicine.

The binuclear water-soluble copper(II) compound of the formula  $[\text{Cu}_2(\text{H}_2\text{DF-T}_1)-\mu\text{-Cl}]\text{Cl}_2 \cdot \text{H}_2\text{O}$ , where  $\text{H}_3\text{DF-T}_1$  is bis(S-methylisothiosemicarbazone) of 2,6-diformyl-4-methylphenol:



possesses selective bactericidal activity to minimum concentrations of 1...2  $\mu\text{g/mL}$  in relation to Gram-positive pathogenic bacteria.

The aforesaid binuclear copper compound can be used in the form of diluted aqueous solutions to combat various bacterioses.

Claims: 1