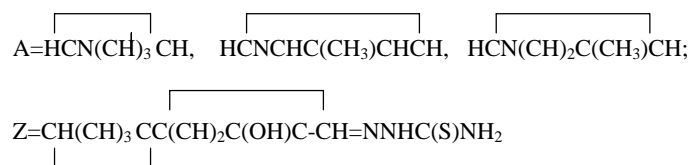


95-0041

The invention has relation to thiosemicarbazone of copper mixed with ligands that possess antistaphylococcus activity and can be applied in medicine.

Compounds of general formula CuA (z-2H), in which



are obtained by interaction of the hot (temperature 50°C) ethanolic solutions of the copper chloride dihydrate (2⁺) and thiosemicarbazone 2-oxy-1-naftaldehyde in molar ratio 1:1 at the pyridine, 3-or-4 pycoline (pH 8).

These complexes more active in 4-24 times in respect of Staphylococcus kind bacteria than theirs structural analog that applied in medical practice and in 1,2-2,5 times more active than theirs prototype and toxicity less in 5,2-9 times than the structural analog and in 1,02 times than the prototype.