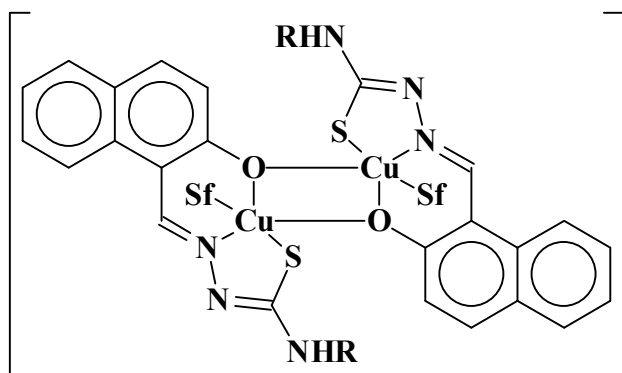


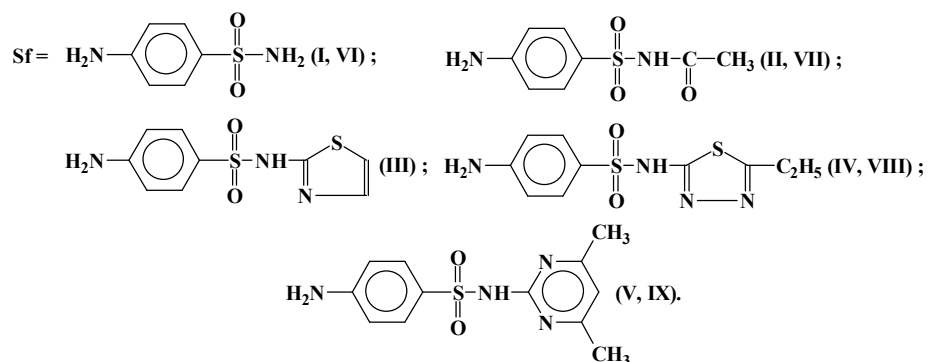
The invention relates to chemistry and medicine, namely to a series of biologically active chelate compounds of copper from the class of thiocarbazidates of transition metals, which may find their application in the medical practice and veterinary medicine as antimicrobial preparations.

Summary of the invention consists in obtaining sulfanilamide-containing naphthalidenethiocarbazidates of copper(II) of formula:



I-IX

where R=H(I-V), C₆H₅(VI-IX);



The compounds I-IX manifest an antimicrobial activity.

The result of the invention consists in the synthesis of I-IX compounds having low toxicity, manifesting antimicrobial activity with respect to the majority of microorganisms, and in the case of gram-positive strains of the tested cultures manifesting 16...160 times higher bacteriostatic and bactericidal activity.

Claims: 2