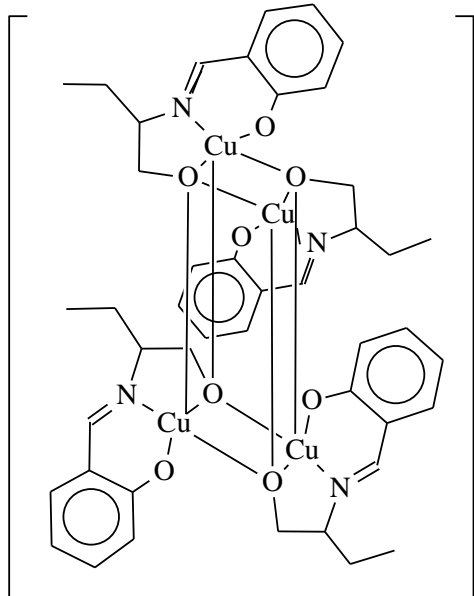


The invention relates to chemistry and medicine, in particular to the synthesis of a tetranuclear coordination compound of copper from the class of transition metal salicylidene-aminobutanolates of a new structural type. This complex exhibits antimicrobial and antifungal activity against a wide range of gram-positive, gram-negative microorganisms and yeast-like fungi. Due to these properties, it can be used in medicine and veterinary medicine as an antimicrobial and antifungal drug or as an ingredient in creating selective nutrient media for the cultivation of microorganisms and fungi.

Summary of the invention consists in the synthesis of a tetranuclear coordination compound of copper - tetrakis{[[ $\mu_3$ -2-(1-oxybutan-2-yl)iminomethyl]-phenolato(2-)-O,N,O-O<sub>alc</sub>]-tetracopper(II) of the formula:



The compound expands the arsenal of highly active inhibitors of gram-positive, gram-negative microorganisms and yeast-like fungi.

Claims: 2

Fig.: 1