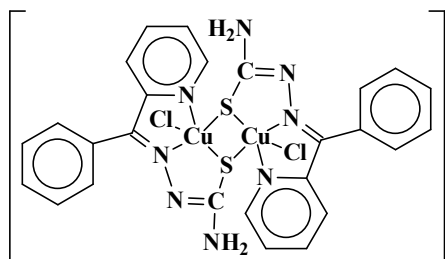


The invention relates to chemistry and medicine, namely to a biologically active complex combination of copper with thiosemicarbazone, which can be used in medicine as a cytostatic preparation in the prevention and treatment of mammary cancer.

Summary of the invention consists in the synthesis of a new coordinative compound of copper with 2-benzoylpyridine thiosemicarbazone, di( $\mu$ -S)-bis{chloro-[phenyl(pyridine-2-yl)methanone-thiosemicarbazonato(1-)]-copper} of formula:



manifesting the property of inhibiting the proliferation of mammary cancer T-47D cells.

The technical result is to increase the range of coordinative compounds with anticancer activity, which at a concentration of  $10^{-6}$  mol/L is about 4 times higher than the similar characteristics of the closest analogue from the class of copper thiosemicarbazonates.

Claims: 2