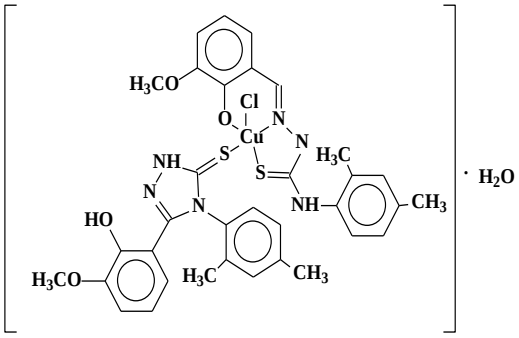
a 2018 0088

The invention relates to chemistry and medicine, namely to a biologically active coordination compound of copper from the class of transition metal thiosemicarbazonates. This complex inhibits the proliferation of *Cryptococcus neoformans* species fungi. Due to these properties, it can find application in medicine and veterinary medicine as an antifungal agent.

According to the invention, claimed is the use as a *Cryptococcus neoformans* species fungi proliferation inhibitor of chloro-{[4–(2,4-dimethylphenyl)-2-(oxo-3-methoxybenzyli-

dene)hydrazinecarbothio amido(1-)]-O,N,S}- {[4-(2,4-dimethylphenyl)-5-(2-hydroxy-3-methoxyphenyl)-2,4-dihydro-3*H*-1,2,4-triazol-3-thion]-S}copper hydrate of the formula:



The technical result of the invention consists in the synthesis of a mixed ligand coordination compound of copper, which exhibits antifungal activity against *Cryptococcus neoformans* species fungi.

Claims: 2
Fig.: 1