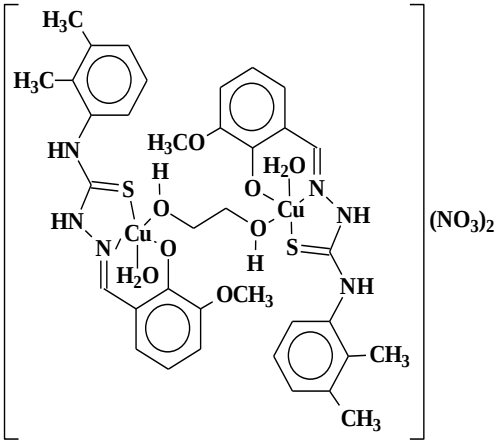
a 2018 0084

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 mycobacterium tuberculosis $H_{37}R_V$ proliferation processes and can be used in medicine for the prevention and treatment of tuberculosis.

According to the invention, claimed is (μ-ethane-1,2-diol-O,O')-bis{[N-(2,3-dimethyl-phenyl)-2-(oxy-3-methoxybenzylidene) hydrazinecarbothioamido(1-)]aquacopper(II)} nitrate compound of the formula:



which inhibits the mycobacterium tuberculosis $H_{37}R_V$ proliferation processes.

The compound expands the arsenal of *Mycobacterium tuberculosis* proliferation inhibitors with high biological activity.

Claims: 2
Fig.: 1