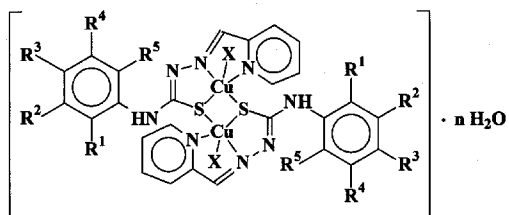


The invention relates to chemistry, namely to biologically active coordinative compounds of copper from the class of thiosemicarbazones of transition metals, which can be used as antimicrobial preparations in medicine and veterinary medicine.

The compounds, according to the invention, relate to coordinative compounds of copper with 4-(dimethylphenyl)-thiosemicarbazones of 2-formylpyridine with the general formula:



I - VI

- I :** $R^1 = R^5 = \text{CH}_3$; $R^2 = R^3 = R^4 = \text{H}$; $X = \text{Cl}$; $n = 4$.
II : $R^1 = R^5 = \text{CH}_3$; $R^2 = R^3 = R^4 = \text{H}$; $X = \text{NO}_3$; $n = 4$.
III : $R^1 = R^4 = \text{CH}_3$; $R^2 = R^3 = R^5 = \text{H}$; $X = \text{Cl}$; $n = 2$.
IV : $R^1 = R^4 = \text{CH}_3$; $R^2 = R^3 = R^5 = \text{H}$; $X = \text{NO}_3$; $n = 4$.
V : $R^2 = R^3 = \text{CH}_3$; $R^1 = R^4 = R^5 = \text{H}$; $X = \text{NO}_3$; $n = 4$.
VI : $R^1 = R^3 = \text{CH}_3$; $R^2 = R^4 = R^5 = \text{H}$; $X = \text{NO}_3$; $n = 4$.

possessing antimicrobial activity.

Claims: 2