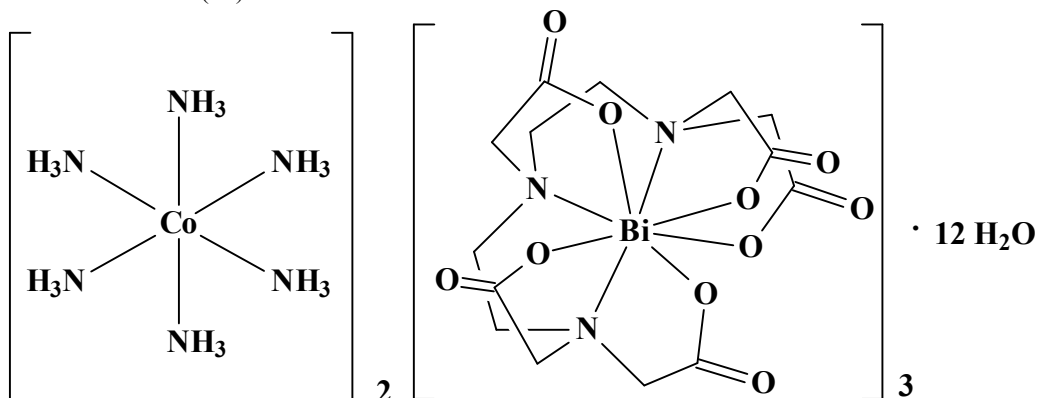


The invention relates to the chemistry of heterometallic coordinative compounds, namely to  $[\text{Co}(\text{NH}_3)_6]_2[\text{Bi}(\text{DTPA})_3] \cdot 12\text{H}_2\text{O}$ , where  $\text{H}_5\text{DTPA} = (\text{HO}_2\text{CCH}_2)_2\text{N}(\text{CH}_2)_2\text{N}(\text{CH}_2\text{CO}_2\text{H})(\text{CH}_2)_2\text{N}(\text{CH}_2\text{CO}_2\text{H})_2$ . Such complex possesses a high specific resistance and may be used in the electric engineering. Summary of the invention consists in obtaining the dodecahydrate of (diethylene-triamine-penta-acetato)bismuthate(III) of hexaamminecobalt(III) of the formula:



as dielectric material.

The result of the invention consists in the synthesis of heterometallic coordinative compound, having the specific resistance of 11...45 times higher than of its structural analogues.

Claims: 2