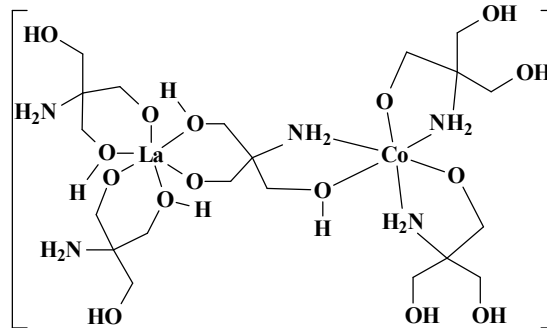


The invention relates to the chemistry of heteronuclear coordinative compounds.

Summary of the invention consists in that it is proposed  $\mu$ -[tris(hydroxymethyl)aminomethano]-{di[tris(hydroxymethyl)aminomethano]lanthanum-di[tris(hydroxymethyl)aminomethano]cobalt} of the formula:



as precursor for lanthanum cobaltate obtaining.

The given complex, as a result of low-temperature pyrolysis and short-term high-temperature posttreatment, forms polycrystalline powder of lanthanum cobaltate LaCoO<sub>3</sub>. The compound may be used in radio electronics and chemical industry, where this double oxide is used in the capacity of catalyst.

Claims: 1