

Invention relates to chemical industry and concerns bioactive metal coordination complexes that can be used to develop fungicidal agents against molds and pathogenic fungi. New coordination complex with the formula $\text{Co}(\text{HL})(\text{L}) \cdot 2\text{DMF} \cdot \text{H}_2\text{O}$, where $(\text{HL})^-$ and $(\text{L})^{2-}$ are residues of H_2L , product of condensation of 2-hydroxy-3-methoxybenzaldehyde and benzoic hydrazide, DMF=dimethylformamide, can be used as substance with fungicidal properties and can expand the arsenal of fungicidal agents.