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The invention relates to chemistry and medicine, namely to biologically active coordinative copper (II) compounds from the class of transition metal thiosemicarbazones, which can be used as preparations with antifungal properties. Summary of the invention consists in that nitrate-{N-(prop-2-en-1-yl)-N`-[1-(pyridine-2-yl)-ethylidene]-carbamohydrazonethioato}imida-zolecopper monohydrate and nitrate-{N-(prop-2-en-1-yl)-N`-[1-(pyridine-2-yl)-ethylidene]-carbamohydrazonethioato}-(3,4-dimethyl-pyridine)copper are proposed for use as *Cryptococcus neoformans* fungi proliferation inhibitors.

Claims: 2