The invention relates to chemistry and medicine, in particular to a biologically active heterometallic coordination compound of copper(II) and bismuth(III) of the class of metal polyaminopolycarboxylates and thiosemicarbazonates, which exhibits high antifungal activity against *Candida albicans* and can be used in medicine and veterinary medicine for prevention and treatment of mycoses.

According to the invention, claimed is the coordination compound (μ_2 -ethylenediamine-N,N,N',N'-tetraacetate)-{N-phenyl-N'-[1-(pyri-dine-2-yl)ethylidene]carbamohydrazonethioa-to copper(II)}-di(aqua)bismuth(III) tetrahydrate of the formula:

Said coordination compound exhibits fungistatic activity against Candida albicans.

Claims: 2 Fig.: 1