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The invention relates to coordination chemistry and microbiology, in particular to a new compound tris(diethyl pyridine-2,6-dicarboxylate)calcium tetra(isothiocyanate)cobaltate(II), which can be used as a lipolytic activity stimulator in the *Rhizopus arrhizus* CNMN FD 03 fungal strain.

According to the invention, claimed is the coordination compound tris(diethyl pyridine-2,6-dicarboxylate)calcium tetra(isothiocyanate)cobaltate(II) with the formula  $[\text{CaL}_3][\text{Co}(\text{NCS})_4]$ , wherein L is a diethyl ester of 2,6-pyridinedicarboxylic acid.

The compound stimulates by 37% the production of extracellular lipases in the *Rhizopus arrhizus* CNMN FD 03 fungal strain.

Claims: 2