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The invention relates to a new compound from the class of coordinative compounds on base of copper and aminoguanisone that can be applied as growth stimulator in different biotechnological processes.

Summary of the invention consists in obtaining a bioactive compound $\text{Cu}_2 \mu\text{-SO}_4\text{-(Hagpa)}_2\text{(H}_2\text{O)}_3$, where Hagpa is the monodeprotonated pyruvic acid aminoguanisone favoring the accumulation in the culture medium of certain considerable quantities of acidproof and standard amylases by the *Aspergillus niger* 33-19 CNMN FD 02A fungi strain in more precocious terms. The compound can be applied in the pharmaceutical, microbiological, food industries, in the veterinary medicine as ingredient for obtaining selective nutrient media for the controlled cultivation with a predictive maximum content of exocellular enzymes.

Claims: 1

Fig.: 2