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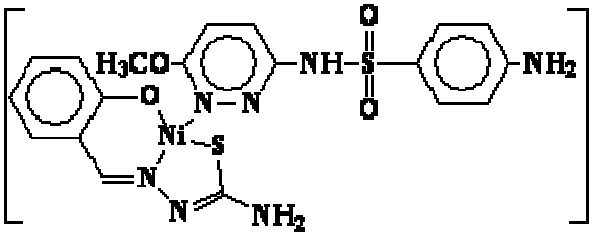
The invention relates to chemistry and medicine, namely to a new biologically active coordinative compound of nickel from the class of the salicylidenethiosemicarbazidates of transition metals and may find its application in medicine and veterinary medicine as antimicrobial remedy.

Summary of the invention consists in the synthesis of salicylidenethiosemicarbazido-[6-(4-sulphanilamido)-3-methoxypyridazine]-nickel of formula:



The obtained compound manifests high bacteriostatic and bactericidal activity with respects to a wide spectrum of gram-positive and gram-negative microorganisms, the antimicrobial activity with respect to staphylococci and streptococci being 2,6…41,6 times higher than to the analogue and 2,4…240 times exceeds its bacteriostatic and bactericidal activity with respect to gram-negative microorganisms.

Claims: 2