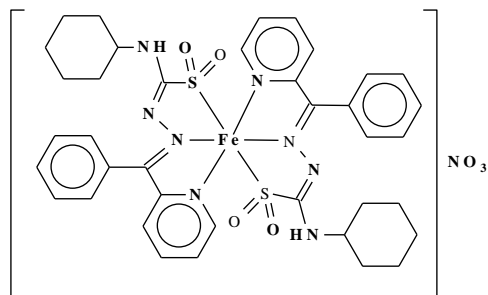


The invention relates to chemistry and medicine, in particular to the synthesis of the first representative of iron(III) coordination compounds with a new type of hydrazone methanesulfinate class ligands. This coordination compound exhibits high bacteriostatic and bactericidal activity against bacteria of the species *Bacillus cereus* and due to these properties can be used in medicine and veterinary medicine as an antimicrobial drug.

According to the invention, bis{[(cyclohexylamino)phenyl(pyridin-2-yl)methylidenehydrazone]methanesulfinato-N,N',S}iron(III) nitrate is claimed with the formula:



The technical result of the invention consists in establishing the antimicrobial activity of the claimed compound against bacteria of the species *Bacillus cereus*, which is 156 times higher than the similar characteristics of furacilin.

Claims: 2

Fig.: 1