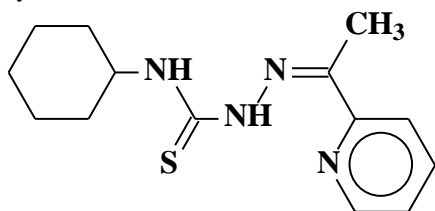


The invention relates to chemistry and medicine, in particular to the use of a compound of the class of thiosemicarbazones, which exhibits high antimicrobial and antifungal activity, and can find application in medicine and veterinary medicine as an antimicrobial and antifungal drug or ingredient in creating selective nutrient media for growing microorganisms and fungi.

Summary of the invention consists in the use of N-cyclohexyl-2-[1-(pyridin-2-yl)ethylidene]hydrazinecarbothioamide of the formula:



as an inhibitor of reproduction of gram-positive microorganisms and *Candida albicans* fungi.

The result of the invention consists in increasing the bacteriostatic and bactericidal activity against gram-positive microorganisms *Staphylococcus aureus*, *Bacillus cereus*, *Enterococcus faecalis* 2...12 times and in providing high antifungal activity against *Candida albicans* fungi.

Claims: 1