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The invention relates to the chemistry of natural compounds and medicinal chemistry, in particular to compounds with a prenylated guanidine fragment, which have a wide range of antibacterial and antifungal properties. According to the invention, the use of *ent*-gomeroylguanidine and *ent*-13-epigomeroylguanidine as antibacterial and antifungal agents is claimed. The compounds showed high biological activity against gram-positive and gram-negative bacteria, as well as against strains of *Candida albicans* fungi. The use of these compounds as synergistic agents in combination antimicrobial therapy is also claimed.

Claims: 2

Fig.: 6