Abstract

Essential oil from two R. graveolens samples collected from Mérida and Miranda states, Venezuela, were analyzed by GC/MS identifying as major components: 2-undecanone, 2-nonanone and pregeijerene. On the other hand, the antibacterial activity assays showed the wide range of activity of the oils that inhibited the bacterial strains grow not only for the Gram positive (S. aureus and E. faecalis) but the Gram negative (E. coli and K. pneumonia) as well, displaying MIC values between 100 ug/mL and 200 ug/mL.

Keywords

Ruta graveolens; Rutaceae; 2-undecanone; 2-nonanone; pregeijerene; antibacterial activity