

Synthesis, Antimicrobial Activity and Characterization of some Novel Thiozolo Pyrimidine Derivatives

J. S. Makwana, H. N. Patel, B. B. Baldaniya*

Chemistry Department, M G Science Institute, Navarangpura, Ahmedabad, Gujarat, India

ABSTRACT:

Thirteen new thiozolo pyrimidine derivatives have been synthesized from Biginelli reaction. The structures of derivatives were established on the basis of their elemental analysis, IR, NMR and Mass Spectral data. The title compounds have been tested for antibacterial and antifungal activities against different strains of bacteria.

Keywords: Thiozolo Pyrimidine, Antibacterial activity, antifungal activities, Biginelli reaction