

ABSTRACT



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Antibiotic resistance in microorganisms is challenging the modern world. Since numerous antibiotics have become less effective or useless against disease spreading microorganisms, it is not a future threat anymore. Development of new antibiotics can play a key role in overcoming this problem. To contribute to help solving this problem, a novel series of Schiff base derivatives of cetirizine has been developed. The newly synthesized compounds have been characterized by FTIR and have been screened for antimicrobial activity against Gram-positive and Gram-negative bacteria.