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(57) Abstract :

The present invention relates to solving antimicrobial resistance to the available drugs through chemical synthesis and evaluation of new Schiff Bases as antimicrobial agents. The target compounds were found to be tested against Bacillus Subtilis (Gram positive), E.Coli (Gram negative) bacteria and Candida albicans when compared with the reference drugs ampicillin and clotrimazole. A gel based formulation was developed for ease of administration.

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