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## Synthesis and Antimicrobial Activity of Some New 3-Substituted Benzyl-5-(4-chloro-2-piperidin-1-yl-thiazole-5-yl-methylene)-thiazolidine-2,4-dione Derivatives

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**Abstract:** A new series of thiazolyl thiazolidine-2,4-dione (Va-f) were synthesized and their structures were elucidated by IR, <sup>1</sup>H-NMR, mass spectra and elementary analysis. The synthesized compounds were tested for their antimicrobial activities against *Candida albicans*, *Staphylococcus aureus*, *Bacillus subtilis* and *Escherichia coli*. Compounds Va-b, Vd-f showed high activity against *Escherichia coli* comparable to ampicillin.

**Key Words:** Thiazolidine-2,4-diones, thiazole derivatives, antimicrobial activities

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