



## Synthesis of Pyrazoline Derivatives from Chalcones and their Antibacterial Activity

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### ABSTRACT

*Pyrazoline derivatives shown antibacterial, antiviral and anti-inflammatory activities. Claisen-Schmidt Condensation method was adopted to get chalcones. Acetophenone on condensation with aldehyde gives chalcone. Chalcones were subjected for reaction with hydrazine hydrate to give pyrazoline derivative of chalcone. These compounds were tested for their antibacterial activity.*

**Keywords:** Pyrazoline derivatives, Chalcone, Claisen-Schmidt condensation, Antibacterial activity.

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