



An Efficient Synthesis of Pyrazole Derivatives Proven Effective as Antifungal and Antibacterial Activity

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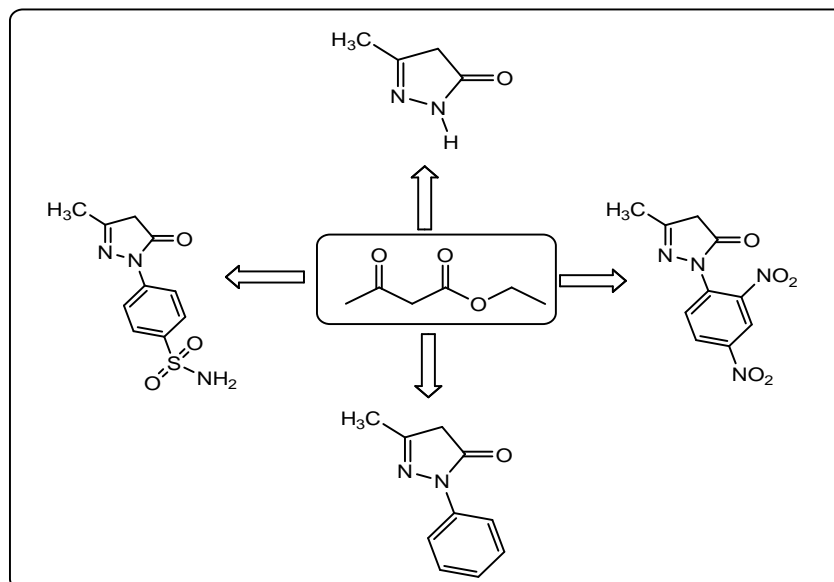
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ABSTRACT

Present work deals with the preparation of some Pyrazole derivative which was prepared by using ethyl acetoacetate by using different hydrazine derivatives at room temperature. The reaction mixture was stirred on magnetic stirrer till colour change is observed and then product is separated out. The structures of newly synthesized compounds are characterized on the basis of IR, ¹H-NMR, ¹³C NMR analysis. The newly synthesized compounds were screened for antibacterial & antifungal activity.

Graphical Abstract:



Keywords: Dicarbonyl compound, Hydrazine derivatives, Antifungal Activity, Antibacterial.