



Antioxidant and Antimicrobial Activities of new Triazole-Linked Pyrazoline Hybrid Compounds

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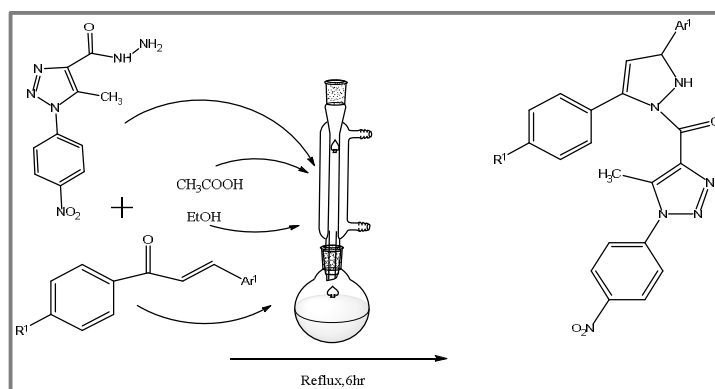
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ABSTRACT

In this study a series of 1, 2, 3-triazole containing pyrazoline (**11a-l**) derivatives were synthesized by the condensation of various substituted chalcones (**7a-f/10g-l**) with substituted 1, 2, 3-triazole carbohydrazide (**4**). These compounds have been screened for their antioxidant, antibacterial and antifungal activities. The structure of newly synthesized pyrazoline derivatives are confirmed by analytical and spectral data.

Graphical Abstract



Keywords: 1, 2, 3-Triazole, Pyrazoline, Propeonone, Antioxidant.