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(57) Abstract :

The present invention describes the synthesis of sixteen derivatives of 3-Methyl-4-(3'-methylisoxazol-5'-yl)-1-aryl-1H-pyrazol-5-ol derivatives (5a-p) prepared by refluxing the ethanolic solution of 1-[1-aryl-5-hydroxy-3-methylpyrazol-4-yl]-butane-1,3-diones (4a-p), hydroxylamine hydrochloride and NaHCO<sub>3</sub> and few drops of hydrochloric acid. All the newly synthesized compounds structures have been confirmed by analyzing their mass, NMR (1H and 13C), and infrared spectral data.

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