



Synthesis of Some Novel Imidazopyrazole and Pyrazolopyrimidine Derivatives

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Abstract: Compound **1** was alkylated with various halo reagents under phase transfer conditions to give the corresponding imidazopyrazole derivatives 2_{a-c}-6. Pyrazolo[1,5-a] pyrimidine derivatives 11-14 were prepared by treating compound **1** with different dicarbonyl reagents namely diethylmalonate, ethyl 3-oxo-3-phenylpropanoate, pentane-2,4-dione or ethyl 3-oxobutanoate.

Keywords: *Pyrazolopyrimidine, Imidazopyrazole, dicarbonyl reagents*

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