Polyfunctional Imidazoles: X.* Synthesis of 4-Chloro-5-(2-nitroalkenyl)-1*H*-imidazoles and Their Reaction with 5-Methyl-2,4-dihydro-3*H*-pyrazol-3-one

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Abstract—Condensation of 1-aryl-4-chloro-1*H*-imidazole-5-carbaldehydes with nitroalkanes in the presence of anhydrous ammonium acetate gave 4-chloro-5-(2-nitroalkenyl)-1*H*-imidazoles which reacted with 5-methyl-2,4-dihydro-3*H*-pyrazol-3-one according to the Michael addition scheme with formation of 4-[1-(4-chloro-1*H*-imidazol-5-yl)-2-nitroalkyl]-5-methyl-1*H*-pyrazol-3-ols.

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