



Short Communication

Synthesis and Characterization of 4-(2-Methyl-4-Oxoquinazolin-3(4H)-Yl) Benzoic Acid Derivatives Using Some Biologically Active Alcohols and Phenols

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ABSTRACT

4-(2-methyl-4-oxoquinazolin-3(4H)-yl) benzoic acid was prepared by acetylation of anthranilic acid with acetic anhydride followed by ring closure which was done by direct condensation with p-aminobenzoic acid. The produced compound was then treated with thionyl chloride to produce the corresponding acid chloride which in turn was reacted with different hydroxylic compounds to produce the corresponding esters. All the synthesized compounds were identified by the spectroscopic techniques like FT- IR and ¹HNMR techniques and were characterized through their physical properties.

Keywords: Synthesis and characterization of new esters, use of biologically active alcohols and phenols.
