



**Synthesis, Characterization and Antimicrobial Activity of
3-(Pyrimidinyl)-1-(4-Fluorophenyl)-5-(Aryl)-5, 6-Dihydro-1H-Pyrano
[2, 3-D] Pyrimidine-2, 4, 7(3H)-Triones**

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ABSTRACT

The synthesis of 3-(pyrimidinyl)-1-(4-fluorophenyl)-5-(aryl)-5,6-dihydro-1H-pyrano[2,3-d] pyrimidine-2,4,7(3H)-trione [C1-C12] were carried out by the reaction of substituted ureas 3a-c with malonic acid to produce pyrimidines 4a-c which on treatment with various aldehydes 5a-d and meldrum acid to produce final products C1-C12 (Scheme 3.I)

Keywords: Pyrimidine derivatives, malonic acid, substituted urea derivatives, meldrum acid.
