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**SOLVENT-FREE MICROWAVE ASSISTED SYNTHESIS AND ANTIMICROBIAL
ACTIVITY OF NEW 2-{4-[3-(1-PHENYL-3-ARYL-1H-PYRAZOL-4-YL)-ACRYLOYL]-
PHENYL}-ISOINDOLE-1,3-DIONES**

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A series of new 2-{4-[3-(1-phenyl-3-aryl-1H-pyrazol-4-yl)-acryloyl]-phenyl}-isoindole-1,3-diones have been synthesized by Claisen-Schmidt condensation of 2-(4-acetylphenyl)-isoindole-1,3-dione with 1-phenyl-3-aryl-1H-pyrazole-4-carbaldehydes in the presence of basic alumina under solvent-free microwave irradiation and conventional heating methods. All the compounds tested for their *in vitro* antimicrobial activity against bacterial and fungal organisms and they were characterized on the basis of spectral data such as IR, ¹H NMR, ¹³C NMR, mass spectral data and elemental analysis.