



Synthesis, Characterization And Antibacterial Studies For *N*-Alkyl And *N*-Aryl Of [1-(4-Chlorophenyl) Cyclopropyl] (Piperazin-1-Yl) Methanone Derivatives

S.M. Mallikarjuna, Basavaraj Padmashali*, C. Sandeep, M.B.Siddesh, H.K.Nagesh, K.S.Thriveni

*Department of Chemistry, Sahyadri Science College (Autonomous), Shimoga – 577203, Karnataka, **INDIA**.

Email: basavarajpadmashali@yahoo.com

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ABSTRACT

*A series of *N*-Alkyl and *N*-aryl substituted piperazine derivatives has been synthesized in presence in the presence of cesium carbonate with DMF solvent to yield piperzine derivatives **3a-j**. The structures of all the synthesized compounds have been characterised by elemental analysis and spectral studies. All compounds have been tested for antibacterial activity.*

Keywords: Piperazine, *N*-alkyl, Cyclopropane, *N*-Aryl, Antibacterial.
