

Design, Synthesis and Biological Studies of Some 'N' and 'S' Based Heterocycle

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ABSTRACT:

Novel series of 'N' and 'S' bridged heterocycle comprising oxadiazole, piparazine and variour amine to principal moiety 2,4,6-trichloro pyrimidine have been synthesized. Chlorine atoms of 2,4,6-trichloro pyimidine has been subjected to nucleophile substitution sequentially varying condition to get the target molecule. The resulted compounds were characterized by IR, mass and ^1H NMR spectroscopy and further evaluated for antimicrobial activity against different strains.