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Synthesis and Antimicrobial Activity of Some Novel Substituted Piperazinyl-quinazolin-3(4H)-ones

Abstract: Several substituted-quinazolin-3(4H)-ones were synthesized by condensation of 2-chloro-N-(4-oxo-substituted-quinazolin-3(4H)-yl)-acetamides with various substituted piperazines through single step reaction. Elemental analysis, IR, 1HNMR and mass spectral data confirmed the structure of the newly synthesized compounds. Synthesized quinazolin-4-one derivatives were investigated for their antibacterial and antifungal activitie