

Synthesis, Characterization and Antibacterial Studies of Some 1,2,4-Triazole Derivatives Containing a 6-Chloropyridin-3-yl methyl Moiety

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5-(6-Chloropyridin-3-yl methyl)-4-phenyl-1,2,4-triazole-3-thiol (**2**) and 5-substituted-4-phenyl-1,2,4-triazole-3-thiols (**3**) were synthesized. Alkylation and aminomethylation reactions of these triazoles were also carried out. Some of the newly synthesized compounds were screened for their antibacterial activities.

Key words: 6-Chloropyridin-3-yl methyl Moiety, Triazoles, Aminomethylation, Antibacterial Activity, Serial Dilution Method