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Characterization, Synthesis and Study of Biological Activity of new Derivatives of Sulphadiazine

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Abstract: Sulphadiazine converted to 2-chloro-*N*-(4-(*N*-pyrimidin-2-yl sulfamoyl) phenyl) acetamide (A) as a result of reacation through chloroacetyl chloride is going to be responded through sodium azide towards form 2-azido-*N*-(4-(*N*-pyrimidin-2-yl-sulfamoyl) phenyl acetamide (B). 1,2,3-triazoline derivatives (S1-S7) were made through cycloaddition responses among substance (B) which includes chalcones. Ready substances were being stamped by T.L.C. , C.H.N.S. explanations, F.T.I.R spectra together with ^{1}H-NMR range. 1,2,3-triazoline derivatives were checked for antibacterial activity.
Keywords: 1,2,3-triazoline, azide,anti bacterialactivityandSulphadiazine.

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