



Synthesis, Characterization and Biological Evaluation of N-((1-ethyl-5-(substituted phenyl)-1H-indol-3-yl) methyl) Substituted Alkyl/Aryl Carboxamides Derivatives

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ABSTRACT

A series of novel N-((1-ethyl-5-(substituted phenyl)-1H-indol-3-yl) methyl) substituted alkyl/aryl carboxamide derivatives were synthesized for evaluation of their antimicrobial activity. The newly synthesized compounds were characterized by spectroscopic studies such as ¹H NMR, Mass spectroscopy. All the synthesized compounds were screened for their in vitro antimicrobial activity. Some of the compounds showed good biological activity.

Keywords: Antimicrobial activity, (1-ethyl-5-(substituted phenyl)-1H-indol-3-yl) methanamine.
