



Research Article



Green Synthesis of Substituted- Phenyl-Azetidin/Thiazolidin-1-yl- Amino-Methyl-Benzimidazolyl Propanone by micro wave irradiation and screened for Antifungal activity

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ABSTRACT

Benzimidazole and their derivatives have gained popularity due to their applications in pharmaceutical chemistry. In this paper we have been discussed about the synthesis of Substituted- Phenyl-Azetidin/Thiazolidin-1-yl-Amino-Methyl-Benzimidazolyl Propanone by micro wave irradiation. Here, in this part a brief account on the biological activities of triazole and benzimidazoles has been presented. The antifungal activity of benzimidazole derivatives was carried out by using standard compound Streptomycin by cup-plate method against bacteria.

Keywords: benzimidazole, antifungal activity, micro wave irradiation.

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