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Research Article

Biological Screening of some novel substituted Triazoles and Benzimidazoles

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ABSTRACT

Triazole and benzimidazole nucleus are found importance in the field of drug discovery as antimicrobial agents. The 2-aminobenzimidazole ring system is an important nucleus in heterocyclic chemistry because it represents the core structure of numbers of biologically significant molecules. In this paper we can give a brief account on the biological activities of 1,2,4-triaryl substituted triazoles (2a-h) and 2,3,4-trisubstituted 1,2-dihydropyrimido [1,2-a] benzimidazole (3a-c ,4a-d ,5a-d).The antifungal activity of triazole and benzimidazole derivatives was assayed using standard compound Fluconazole by disc diffusion method using two fungal species as Aspergillus niger and Aspergillus flavus.

Keywords: Antifungal activity, Triazole, benzimidazole.

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