



Research Article



Screening and Characterization of some novel biologically active substituted Pyrazole derivatives

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ABSTRACT

The pyrazole derivatives have played a crucial role in the history of heterocyclic chemistry and been studied extensively because of their ready accessibility, diverse chemical reactivity and extensive biological activity. In this paper we discuss about evaluation of antifungal activity of a series of substituted pyrazolones. A large number of pyrazole derivatives viz. 4-arylmethylene-2, 4- dihydro-2, 5-disubstituted-3H-pyrazol-3-ones; 4, 4'-arylmethylene bis (2, 4-dihydro-2, 5-disubstituted-3H-pyrazol-3-ones); representatively 18 synthesized compounds have got much attention to biological importance.

Keywords: pyrazole, antifungal activity.

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