

Title-Synthesis And Antimicrobial Activity Of Novel 3-Chloro-4-(Substituted Aryl)-1, 3diphenyl-1h-Pyrazole-4-Yl-1-(6-Methylpyridin-2-Yl) Azetidin-2-One Derivatives

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ABSTRACT

Azetidin-2-one derivatives as novel antimicrobial agents were carried out. Literature survey Schiff base has good antimicrobial, antifungal activity and it can be prepared by the acid catalysed reaction of aldehyde or ketone and amines. Azetidin-2-one derivatives have been exhibited to possess biological properties like antimicrobial, antifungal, anti-inflammatory, antibiotic activities. These compounds are characterized by chemical and instrumental methods. Their important biological properties have been investigated.

Keywords : Schiff Base derivatives, Biological study, pyridine derivatives, Hydrazone derivatives, azetidin derivatives