



Research Article



Biological screening, evaluation and Docking studies of substituted thiazolylhydrazinomethylidene-pyrazoles derivatives

Jagadeesh Kumar Ega¹ and Kavitha Siddoju ^{1*}

Corresponding Author:

jkjagadeeshkumare@gmail.com

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ABSTRACT

Pyrazoles with various functional groups at position-4 such as cyano or oxime, aldehyde or carboxylate etc., have been known to show good antimicrobial properties. In this paper we are discussing about the biological activity of a series of thiazolylhydrazinomethylidene-pyrazoles (4a-o) are screened In vitro antibacterial, In vivo anti-inflammatory activity and also tested for docking studies. They are extensively used as useful synthons in organic synthesis. Diversely substituted pyrazolines and their derivatives are important biological agents and possess a wide variety of medicinal as well as agrochemical applications.

Keywords: Pyrazoles, antibacterial, anti-inflammatory, docking study.

^{1*} Department of Chemistry, Chaitanya (AUTONOMOUS) Post graduate College, Warangal, T.S-506001.

¹ Department of Chemistry, Kakatiya University, Warangal, Telangana State-506009.

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