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Synthesis and Anti- Inflammatory Activity of Indole

Derivativeslka Rani* and Rajkumar

Department of Chemistry K.G.K. College Moradabad, **INDIA**
Email: rajkumarddc221963@gmail.com

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ABSTRACT

The investigation is concerned with synthesis of new substituted indole derivatives 5a'-5e', 6a'-6e' with the potent anti-inflammatory agent. The structure of all new synthesized compound were identified by spectral (IR, ¹HNMR and mass) and elemental (C,H,N,) analysis. The obtained compounds were screened for their anti-inflammatory at the dose of 50mg Kg⁻¹ p.o.

Keywords: Indole thiadiazolyl, Oxadizole, Anti- inflammatory activity.
