



## Synthesis and Anti- Inflammatory Activity of Indole Derivatives

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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, <sup>1</sup>HNMR and mass) and elemental (C,H,N,) analysis. The obtained compounds were screened for their anti-inflammatory at the dose of 50mg Kg<sup>-1</sup> p.o.*

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

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