



**Synthesis and Anti-Inflammatory Activity of
1-Benzhydryl-Piperazine Urea Derivatives**

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ABSTRACT

*A series of novel 1-benzhydryl-piperazine urea derivatives **1(a-h)** were synthesised and evaluated for in vivo anti-inflammatory activity in carrageenan induced rat paw edema. The results of the present study is interesting and clearly indicated that compound **1f** shows maximum inhibition of 60.8% and compound **1h** with dichloro substitution shows 57.5% inhibition. Remaining compounds shows comparable activity.*

Keywords: 1-benzhydryl-piperazine, Urea derivatives, anti-inflammatory activity, carrageenan, Nimesulide.
