

Pharmacological Evaluation of Nilavembu Kudineer for Antipyretic, Analgesic and Anti-Inflammatory Activities

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Nilavembu kudineer, which is a combination of nine herbal materials in equal parts have long since been used as febrifuge in indigenous medicine. The drug was screened for antipyretic, antiinflammatory and analgesic activities in different suitable pharmacological experimental models.

The decoction of the drug did not show any antipyretic effect in any of the doses employed. The drug showed significant antiinflammatory effects in the doses of 20 and 30ml/kg orally. It

showed 53.36 and 37.31% of protection (analgesic activity) in the doses of 30 and 50ml/kg respectively against acetic acid induced writhing in mice. On thermal stimulus (Hot plate), the drug showed identical effects in the doses of 10 and 30ml/kg whereas, maximum analgesia was observed with respect to intensity and duration in the doses of 20 and 50 ml/kg. Possession of considerable amount of antiinflammatory and analgesic activities has been suggested to be responsible to bring about improvement clinically.

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