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Phytochemical investigation of *Indigofera oblongifolia* Forsk root extract

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Anti-inflammatory activity of *Indigofera oblongifolia* Forsk root extracts (methanolic) was studied in Wistar rats using the carrageenan induced left hind paw edema. The methanolic extracts 250 mg/kg and 500 mg/kg body weight shows significant anti-inflammatory activity. *Indigofera oblongifolia* Forsk methanolic extracts of reduced the edema induced by carrageenan by 32.19% and 40.97%, respectively on oral administration of 250 mg/kg and 500 mg/kg body weight as compared to the untreated control group. Diclofenac sodium at 10 mg/kg body weight inhibited the edema volume by 39.02%. The results indicated that the methanolic extract 500 mg/kg body weight shows more significant ($p < 0.05$) anti-inflammatory activity when compared with the standard and untreated control.

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