

EVALUATION OF ANALGESIC AND SEDATIVE ACTIVITIES OF BERBERIS BALUCHISTANICA EXTRACT

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The current study was carried out on a crude ethanolic extract of bark and stem of *Berberis baluchistanica* and this plant is endemic to Balochistan. *B. baluchistanica* caused in traditional medicine. Plant was collected from local market and ethanolic extract was carried out. The ethanolic extract was tested for Analgesic and sedative effect. Extract produced significant analgesic effects at the dose of 500 mg/kg in the acetic acid induced writhing test and the formalin test. Sedative effect were determined by traction test and forced swimming test. In traction test time taken by the mice to travel iron rod was significantly increased. In forced swimming test mobility time was significantly decreased. Results were significantly comparable with standard drug diazepam. In conclusion, results suggest that the ethanolic extract of *B. baluchistanica* possess significant analgesic effects also possess sedative effects.

Biography

Imdadullah is an M.Phil Scholar in Pharmacy Department, University of Balochistan, Quetta Pakistan. After completion of his graduation from the same university he joined the Government Services as Drug Inspector in Health Department, Government of Balochistan Quetta. Since last two years he is serving in the public sector as Secretary Provincial Quality Control Board Balochistan, Quetta.

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