



A Review - Study on Phytochemical and Neuropharmacological Effects of Cassia Tora Flowers

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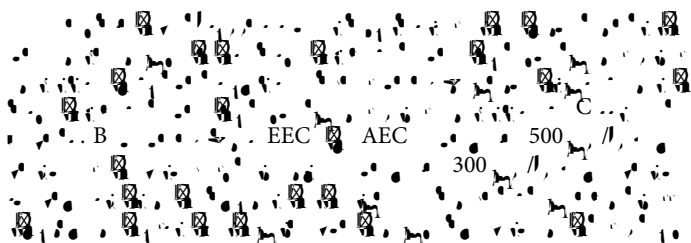
Observation: A bar chart showing the results of preliminary phytochemical screening of Cassia tora. The x-axis lists various phytochemicals: Alkaloids, Glycosides, Saponins, Steroids, Terpenoids, and Tannins. The y-axis represents the concentration in mg/g, with a scale from 0 to 2000. The bars show the following approximate values: Alkaloids (1800), Glycosides (1500), Saponins (1200), Steroids (1000), Terpenoids (800), and Tannins (600).

Result

The results of the preliminary phytochemical screening of Cassia tora are summarized in Table 2.

Preliminary phytochemical screening of Cassia tora (Table 3) Neuropharmacological study (Tables 4-6 and Figures 2-4)

Conclusion



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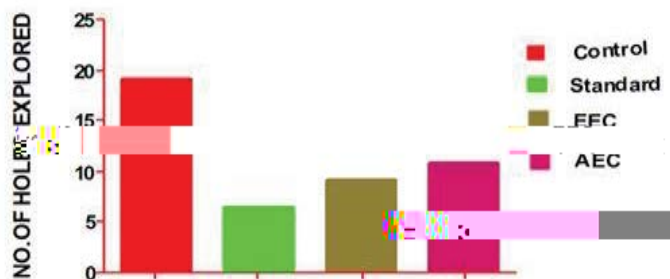


Figure 2: Effect of EEC and AEC leaves on exploratory behavior in mice.

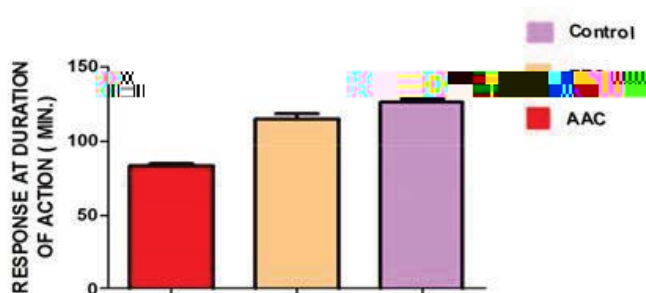


Figure 3: Effect of EEC and AEC on diazepam induced sleeping time.

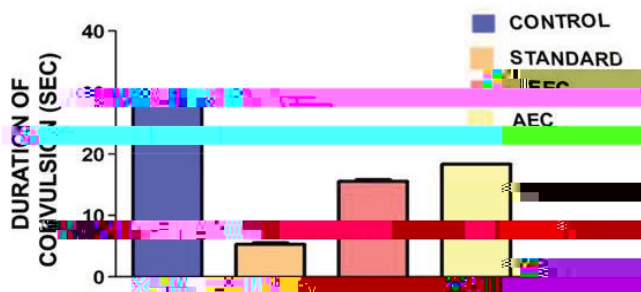


Figure 4: Effect of EEC and AEC on Maximal Electroshock (MES) Method Graph.

(15.52 ± 0.22, 18.33 ± 0.16, 28.17 ± 1.01, $p < 0.001$, $p < 0.001$, $p < 0.001$). • • • • • EEC • AEC • • • • •

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29. Hosseinzadeh H, Khosravan V (2002) Anticonvulsant effects of aqueous and ethanolic extracts of *Crocus sativus* L. stigmas in mice. *Arch Iran Med* 5:44-47.