

Antidiabetic Effect of *Nauclea latifolia* Leaf Ethanolic Extract in Streptozotocin-induced Diabetic Rats

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ABSTRACT

The antidiabetic and possible toxicity of ethanolic extract of the leaf of *Nauclea latifolia* was studied in streptozotocin-induced diabetic rats. Doses of 100, 200 and 400mg/kg body weight were given orally to the STZ-induced diabetic rats daily for 45 days. All the doses showed significant hypoglycaemic effect. The effect is however not dose dependent. Indices of liver and kidney functions studied were not statistically affected by the extract administration. Ethanolic extract of the leaf of *N. latifolia* thus exhibited antidiabetic action in STZ-induced diabetic rats with minimal toxicity.

KEYWORDS

Antidiabetic activity . Diabetes mellitus . *Nauclea latifolia* . STZ-induced diabetic rats

REFERENCES

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