

Recent Research Assessment in Pharmacological Activity of *Ervatamia Coronaria* Roots

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Abstract

A recent research assessment deals with evaluation of *Torment alleviate* and anti-inflammatory activity of ethanolic extract of *Ervatamia Coronaria* roots. The ethanolic extract of *Ervatamia Coronaria* root was subjected using various models such as for exploring the *Torment alleviate* potential excision torment model and incision torment model; and carrageenan induced paw edema for the anti-inflammatory activity. The anti-inflammatory activity studied by using carrageenan induced rat paw edema method. The ethanolic extract of *Ervatamia Coronaria* roots of different dilutions show better inhibition in edema. The extract possesses good anti-inflammatory activity on carrageenan induced rat paw edema.

Keywords: *Ervatamia Coronaria* Roots; Pharmacological Activity; *Torment Alleviate*

1. Introduction

Ervatamia Coronaria Stapf (*Tabernaemontana divaricata*) belonging to the family Apocynaceae, is a glabrous, evergreen tree indigenous to India and is cultivated in gardens for its ornamental and fragrant flowers (refer figure 1). This species has been extensively investigated and a number of chemical constituents such as alkaloids, triterpenoids, steroids, flavonoids, phenyl propanoids and phenolic acids were isolated from leaves, roots and stems of the plant. In Indian traditional system of medicine, this plant material is widely used as a purgative, tonic to the brain, the spleen and the liver; in the treatment of cancer, wounds and inflammations. The plant extract was also found to possess analgesic, antipyretic and anti-inflammatory properties (Khare C.P. 1990).