
Abstract
The present investigation was undertaken to evaluate the hypoglycaemic and hypolipidaemic effects of an alcohol extract of Tinospora cordifolia roots, an indigenous plant used in Ayurvedic medicine in India. Oral administration of the extract of Tinospora cordifolia (TCREt) roots for 6 weeks resulted in a significant reduction in blood and urine glucose and in lipids in serum and tissues in alloxan diabetic rats. The extract also prevented a decrease in body weight. Thus our study clearly shows that an alcohol TCREt has a hypoglycaemic and hypolipidaemic action.