**Abstract**

The present paper shows the medical constituents of various parts of Cissusquadranglaris. The stem, root and root bark were shade dried, ground into fine powder and subjected to series of phytochemical screenings. The plant compounds were extracted with ethanol, methanol, ethyl acetate, and henzene. Different types of secondary metabolites as alkaloids, flavonoids, triterphenoids glycosides, phenols, steroids and tannins were present in the above mentioned solvents where as in hexane extract all these constituents were present very negligible. Protein constituent is highest but saponins and thiols are totally absent in stem, root and root bark of C. quadranglaris