

Phytochemical Studies on *Cissus quadrangularis* Linn.

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ABSTRACT

Cissus quadrangularis Linn. (Family: Vitaceae) is an ancient medicinal plant, named as Hadjod in Hindi. A triterpene delta-amyrin acetate (1), aliphatic acid hexadecanoic acid (3) and stilbene glucoside trans-resveratrol-3-O-glucoside (9) were isolated for the first time from the stems of *Cissus quadrangularis*, along with previously reported compounds namely, delta- amyrone (2) delta-amyrin (4), beta-sitosterol (5), kaempferol (6), quercetin (7) and resveratrol (8). The structure elucidation of the isolated compounds were performed by spectroscopic techniques (IR, UV, ¹H-NMR, ¹³C-NMR and MS) and by direct comparison with literature.

KEYWORDS

Cissus quadrangularis . delta-amyrin acetate . hexadecanoic acid .
trans-resveratrol-3-O-glucoside

REFERENCES

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