



#### CHAPTER IV

#### CONCLUSION AND RECOMMENDATION

The phytochemical investigation of *Cissus quadrangularis* Linn. (syn. *Vitis quadrangularis* Wall.) suggested the presence of known triterpene compounds : lupenone, epifriedelinol, isoarborinol, and common sterol,  $\beta$ -sitosterol. Their structures were identified by comparison of spectral data with those of published data values.

The exhaustive study of the nonpolar fraction of *C. quadrangularis* Linn. is recommended to prove Sen's proposal. Furthermore the investigation should be carried out on the isolation of compounds in the polar fraction which remain uninvestigated.

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