

## CHAPTER V



### CONCLUSION AND RECOMMENDATION

In this present work, a dioxaphenylene derivative, barakol, was isolated from the acidic leaf-extract of *Cassia timoriensis* DC. as the main chemical substance as that of *C. siamea* Lamk. (119) In addition, an anthraquinone compound, aloe-emodin, was isolated from the leaves of *C. grandis* L. as that of *C. garrettiana* Craib. (124) Further work on *C. timoriensis* DC. is recommended to study the chemical constituents of other parts of this plant and also to ascertain the pharmacological action(s).

The isolation of aloe-emodin from the leaves of *C. grandis* L. might yield a worthwhile information of using this plant species which is growing as ornamental plants profusely everywhere as the substitute for Senna (obtained from *Cassia acutifolia* Delile., and *C. angustifolia* Vahl.) which is one of the most important imported drugs.