

CHAPTER 5

CONCLUSIONS

In summary, the results of this study indicated the presence of five known compounds including, one phenolic compound, three steroidal and one pentacyclic triterpenoid which were eugenol (**22**), the mixture of β -sitosterol (**23**) and stigmasterol (**24**) in ratio of 78:22, stigmastan-3,6-dione (**25**) and 3-acetyl aleuritolic acid (**26**) from the dichloromethane extract of the twigs of *Ostodes paniculata* Blume. Although compound (**22**) and (**25**) have previously been reported from other plants, both compounds were the first report on the occurrence from the twigs of *O. paniculata* Blume. The structures of the isolated compounds were elucidated by spectroscopic techniques mainly NMR, MS, IR as well as by comparison with previously reports.

