

CHAPTER V

CONCLUSION AND RECOMMENDATION

The phytochemical investigation of *Aglaia piriifera* Hance stem bark was successfully carried out. A lignan, grandisin was found to be the major compound (0.007%) and has been characterized as 3,4-dimethyl-2,5-bis (3,4,5-trimethoxyphenyl) tetrahydrofuran.

The result of this investigation suggested the new source of grandisin in nature. However, further studies should be carried out on the isolation of more compounds which remain uninvestigated in the stem bark.