

CHAPTER V

CONCLUSION AND RECOMMENDATION

The phytochemical investigation of the leaves of *Aglaia rubiginosa* (Hiem) Pannell revealed the presence of an alkaloid compound, *N*-[4-(1-oxo-3-phenyl-2-propenyl)aminobutyl]-3-methyl-3-pyrrolin-2-one (314) which found to be a new natural product. This alkaloid has bisamide structure like the alkaloid which found in many plant in genus *Aglaia*. Thus the result of the experiment is useful in chemotaxonomy.

The pharmacological study of the alkaloid is one of the points strongly recommended.

Further work should be done on the investigation of minor alkaloids and some other non polar compounds in the hexane residue (I)



ศูนย์วิทยทรัพยากร
จุฬาลงกรณ์มหาวิทยาลัย