

CHAPTER V

CONCLUSION

Three compounds were isolated from the stem bark of *Croton oblongifolius* Roxb., collected from Amphur Hun-ka, Chainat province, Thailand by chromatographic techniques. Their chemical structures were elucidated using spectroscopic techniques. Two of them were identified as the known labdane *ent*-8(17),12*E*,14-labdatrien-18-oic acid and a new labdane named 12,15-epoxy-8(17),12,14-labdatriene. The remainder was the known kaurane *ent*-kaur-16-en-19-oic acid. Furthermore, a mixture of steroids consisting of β -sitosterol, stigmasterol and campesterol, and a mixture of C₁₉₋₂₆ long chain alcohols were obtained.

Reports of the presence of these chemical compounds are valuable information for chemotaxonomy and phytochemistry. Further studies on other constituents of this plant should be carried on.