

CHAPTER V

CONCLUSION

Pycnarrhena lucida (Teijsm.&Binn.)Miq. is one of medicinal plants used in Thai traditional medicine which had never been reported on phytochemical study. In the present investigation, five compounds were isolated from the stems of this plant, collected from Krabi, Thailand. Among these isolated compounds, four of which, compound CH01, CH02, CH03, CH04 are identified as the known compounds, obamegine(193), berbamine(152), limacine(177), thalrugosine(206), respectively. The last compound, CH05 is a steroidal compound, β -sitosterol. The identification of these compounds are based on the data from various spectroscopic techniques.

This work has offered some knowledge in expanding chemotaxonomic information and phytochemical notification.