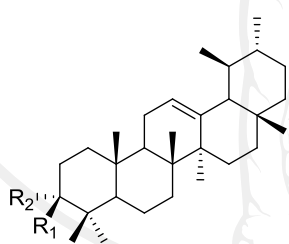


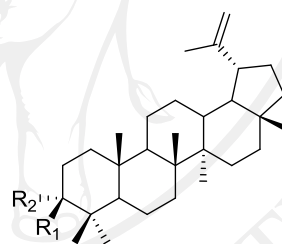
## CHAPTER 5

### CONCLUSIONS

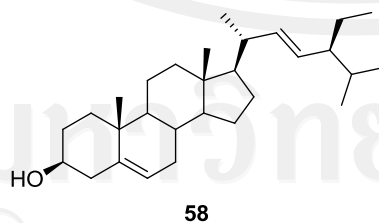
The first phytochemical constituents study of the leaves of *V. parishii* Hook f. found nine known compounds, stigmasterol (**58**),  $\alpha$ -amyrin acetate (**9**), lupeol acetate (**59**), lupeol palmitate (**60**), lupenone (**61**), lupeol (**41**),  $\alpha$ -amyrin (**13**), hentriacontane (**62**), and palmitic acid (**63**). The structures of all compounds were elucidated by spectroscopic techniques and compared with spectroscopic data and some physical properties from previous literatures. Moreover, the isolated five triterpenes have been reported antiparasmodial activity, consisting of compound **41** and **61**, and anti-inflammatory activities, containing compound **9**, **59**, **60**, and **61**, in previous works.



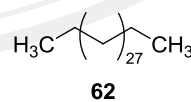
**9**; R<sub>1</sub> = OAc, R<sub>2</sub> = H  
**13**; R<sub>1</sub> = OH, R<sub>2</sub> = H



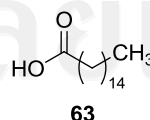
**41**; R<sub>1</sub> = OH, R<sub>2</sub> = H  
**59**; R<sub>1</sub> = OAc, R<sub>2</sub> = H  
**60**; R<sub>1</sub> = O<sub>2</sub>C(CH<sub>2</sub>)<sub>14</sub>CH<sub>3</sub>, R<sub>2</sub> = H  
**61**; R<sub>1</sub> = R<sub>2</sub> = O



**58**



**62**



**63**