

KEY WORD : AGLAIA ODORATA LOUR. / ROOT / CHEMICAL CONSTITUENTS

BORVORN VENASKULCHAI : CHEMICAL CONSTITUENTS OF AGLAIA ODORATA

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The ground dried roots of Aglaia odorata Lour. was extracted with methanol. The crude methanol was further extracted with *n*-hexane, dichloromethane, ethylacetate and *n*-butanol, respectively. The crude extract separated by chromatography techniques led to the isolation of four compounds: a mixture of steroids (campesterol, stigmasterol, β -sitosterol), a mixture of steroidalglycosides (campesteryl-3-O-glucopyranoside, stigmasteryl-3-O-glucopyranoside, β -sitosteryl-3-O-glucopyranoside), a mixture of saturated long chain aliphatic alcohols (C₂₄-C₂₈) and a compound C₃₁H₂₈N₂O₆ melting point 256-257°C. From the spectral data of the last compound was purposed the structure I which was not reported.