KANDUNGAN FENOL, FLAVONOID DAN TERPENOID EKSTRAK METANOL DAUN AKWAY (Drimys piperita Hook f.)

Phenol, Flavonoid and Terpenoid Ekstrack Metanol of Akway Leaves (Drimys piperita Hook f.)

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Abstract

Akway (Drimys piperita Hook f.) is the woody, evergreen and aromatic plant that is member of winteraceae family. This plant is used for medical purpose by Soughb tribe lived in Sururey village, Manokwari District. The medical value of the plant lies in some phytochemical substances that produce a definite physiological action on human body. The objective of the research was to know phenol, flavonoid and terpenoid content of akway leaves extracted by methanol. The results indicated that extract methanol of akway leaves contains total phenol 186.40 mg/g and flavonoid 70 mg/g. The main terpenoid compound composed extract was caryophyllene in concentration of 37.09%.

[Keywords: Drimys piperita, fenol, flavonoid, terpenoid]