

Isolasi senyawa aktif dari ekstrak hipokotil sarang semut (*Myrmecodia pendens* Merr. & Perry) sebagai penghambat xantinoksidase

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Abstrak

Medicinal plants, called "Sarang Semut", *myrmecodia pendens* Merr. & Perry (Rubiaceae) is an epiphyt traditionally used in Papua for healing various diseases such as hyperuricemia, reumathic, and cancer. A chemical compound recognized as xanthinoxidase inhibitor has been isolated from n-buthanol fraction of the palnt extrac. The isolation was carried out by column chromatography (Sio,CHCL - MeOH = 5 : 1-1 :) and the purification was conducted using high presure liquid chromatography (RP,C - 18 ; MeOH - = 5 : 1)). The activity test for xanthinoxidase inhibitor was performmed by using modified Noro method. The pure compound showed xanthinoxidase inhibitor activity of IC at 79,77%