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Uji In Vivo Saponin Tanaman Akar Kuning (*Arcangelisia flava* (L.) Merr) Sebagai Hepatoprotektor

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ABSTRACT

According to *in vivo* studies on secondary metabolites of albutra (akar kuning plant, *Arcangelisia flava* (L) Merr), saponins extract without alkaloids showed a hepatoprotector activity. The best extracting solvent was mixture of methanol :dichloromethane (2:1), followed by refluxing in a mixture of ethyl acetate:chloroform (1:1) medium, and precipitating in acetone. Yield of the glycoside was 7.4%. The glycoside fraction was able to inhibit 58% of the increasing aspartate transaminase activities and 52% of the increasing alanine transaminase activities in liver destruction of Sprague Dawley rat, caused by paracetamol.

Keywords: akar kuning, *Arcangelisia flava* (L.) Merr), hepatoprotector, saponin