

BAB 5

KESIMPULAN DAN SARAN

5.1 Kesimpulan

Berdasarkan hasil penelitian yang telah dilakukan dapat disimpulkan bahwa :

1. Di antara fraksi *n*-heksana, fraksi etil asetat dan fraksi etanol dari ekstrak etanol daun pacar kuku (*Lawsonia inermis* Linn.) yang paling berpotensi dalam menghambat aktivitas enzim xantin oksidase adalah fraksi etanol dengan nilai IC₅₀ sebesar $3,18 \pm 1,86 \mu\text{g/ mL}$.
2. Golongan flavonoid yang terkandung dalam fraksi etanol yang diduga berpotensi dalam menghambat xantin oksidase adalah flavon.

5.2 Saran

Berdasarkan hasil penelitian yang diperoleh, maka perlu dilakukan penelitian lanjutan yaitu pengujian toksisitas akut untuk mengetahui keamanan dari fraksi etanol daun pacar kuku (*Lawsonia inermis* Linn.) yang berpotensi sebagai inhibitor enzim xantin oksidase dan juga uji isolasi senyawa murni yang berpotensi sebagai inhibitor xantin oksidase.

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