

BAB 5

KESIMPULAN DAN SARAN

5.1. Kesimpulan

1. Ekstrak etanol bunga Kupu-kupu (*Bauhinia purpurea*) memiliki aktivitas antibakteri terhadap *Staphylococcus aureus* dengan metode difusi. Pada konsentrasi 10% memberikan DHP sebesar $15,02 \pm 1,24$ mm; konsentrasi 20% memberikan DHP sebesar $19,14 \pm 0,79$ mm dan konsentrasi 30% sebesar $23,97 \pm 0,80$ mm. Pada bakteri *Escherichia coli* tidak ada aktivitas antibakteri.
2. Golongan senyawa yang memiliki aktivitas antibakteri pada ekstrak etanol bunga kupu-kupu adalah golongan flavonoid dan triterpenoid.

5.2. Saran

1. Perlu dilakukan penelitian lanjutan untuk mengisolasi senyawa antibakteri dalam ekstrak etanol 96% bunga Kupu-kupu terutama pada bakteri Gram positif sehingga dapat dimanfaatkan sebagai sumber antibakteri baru.

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