BAB V
KESIMPULAN DAN SARAN

5.1. Kesimpulan

1) Ekstrak etanol bunga bintaro (*Cerberra odollam)* memiliki aktivitas antibakteri terhadap *Staphylococcus aureus* ATCC 6538 dengan konsentrasi 10 %, 20% dan 30% berturut-turut adalah 21,66±0,73 mm, 25,66±1,50 mm dan 27,10±1,06. Dan aktivitas penghambatan biofilm *Staphylococcus aureus* dengan penghambatan pembentukan biofilm 98,29% pada konsentrasi 3,75%.
2) Golongan senyawa pada ekstrak etanol bunga bintaro (*Cerberra odollam*) yang diduga memiliki aktivitas antibakteri terhadap *Staphylococcus aureus* ATCC 6538 adalah alkaloid dan tanin.

5.2. Saran

1) Dilakukan pemisahan terhadap senyawa alkaloid dan fenol dari ekstrak etanol bunga bintaro (*Cerberra odollam*) untuk dilakukan penelitian lebih lanjut terhadap khasiat antibakterinya sehingga dapat dikembangkan menjadi bahan baku obat terhadap infeksi yang disebabkan oleh *Staphylococcus aureus*.
2) Perlu dilakukan penelitian lebih lanjut dengan konsentrasi yang sama untuk mengetahui struktur senyawa yang mempunyai aktivitas antibiofilm.

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