

ABSTRACT

Antimicrobial activity fractions of extract *Aglaia odorata* VIIB, endophytic fungi of *Aglaia odorata* Lour.

Aglaia odorata VIIB is one of the endophytic fungi isolated from *Aglaia odorata* Lour. The objective of this study was to assay antimicrobial activity fractions of extract *Aglaia odorata* Lour. against *Staphylococcus aureus* ATCC 6538, *Escherichia coli* ATCC 8739, and *Candida albicans* ATCC 10231.

Antimicrobial activity was determined using disk diffusion method. A total of four fractions from eight fractions showed antibacterial activity against *Staphylococcus aureus* ATCC 6538, one fraction showed antibacterial against *Escherichia coli* ATCC 8739, and no one fraction showed antifungal against *Candida albicans* ATCC 10231.

Key words: *Aglaia odorata* VIIB, *Aglaia odorata* Lour., endophytic fungi, antimicrobial activity.

