

**AKTIVITAS ANTIBAKTERI N-BENZOILAMOKSISILIN DAN N-3,4-DIKLOROBENZOILAMOKSISILIN TERHADAP *Staphylococcus* ATCC 25923 DAN *Escherichia coli* ATCC 35218**

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**ABSTRACT**

*N-Benzoylamoxicillin and N-3,4-dichlorobenzoylamoxicillin were synthesized from amoxicillin by acylation with benzoylchloride and 3,4-dichlorobenzoylchloride respectively. Structure characterization of the amoxicillin derivative compounds were done by UV, IR and <sup>1</sup>H-NMR spectroscopy. Both derivative compounds have antibacterial activity against *Staphylococcus aureus* and *Escherichia coli*. The activity of N-3,4-dichlorobenzoylamoxicillin is more active than N-benzoylamoxicillin.*

*Key words* : N-Benzoylamoxicillin, N-3,4-dichlorobenzoylamoxicillin, antibacterial activity.