

Aisiah S., Prajitno A., Maftuch, Yuniarti A.

- BIOACTIVE CONTENT IDENTIFICATION OF BULUBANGKAL LEAF (NAUCLEA SUBDITA [KORTH.] STEUD.) AND ITS ANALYSIS AS AEROMONAS HYDROPHILA ANTIBACTERIAL BY IN VITRO AND IN SILICO METHODS; pp. 488-495
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Abstract and key words:

- This research aimed at finding out a bioactive content of bulubangkal leaf and extractability of 3 polar solvents, semi-polar and non-polar as *Aeromonas hydrophila* antibacterial. The sample was extracted by maceration and fractionation methods using n-hexane solvent, ethyl acetate, and methanol. Antibacterial activity was carried out by disk-diffusion agar method. It was found that active agent contained within bulubangkal leaf are saponin, tannin, phenolic, and steroid as *A. hydrophila* bacterial based on the antibacterial test by in vitro and in silico methods.
- Phytochemistry, antibacterial, *Nauclea subdita*, *Aeromonas hydrophila*.