Phytochemical Study on Alkaloids From Bark of *Alseodaphne Perakensis* (Lauraceae) and their Bioactivity

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The purpose of this study was to isolate and identify compounds from the bark of *Alseodaphne perakensis* (Lauraceae) which commonly known as Medang to validate and evaluate the use of this species in antimalaria activity. The comprising compounds from the dichloromethane crude extract were separated using column chromatography and the structures of the compounds were elucidated using spectroscopic analysis. The identified compounds were aporphine alkaloids; corydine ¹ and oxohernagine ². These isolated compounds show IC₅₀ values 0.404µg/ml and 0.738µg/ml, respectively against *Plasmodium falciparum*, K1 isolate (resistant strain).

**Keywords:** Lauraceae, *Alseodaphne perakensis*, aporphine alkaloid, corydine, oxohernagine.