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

Mahfuzah Md Nazimuddin[1,*], Muhammad Hafiz Husna Hasnan[1], Kartini Ahmad[1], Khalijah Awang[2], A. Hamid A. Hadi[2] and Mohd Azlan Nafiah[1]

[1]Department of Chemistry, Faculty of Science and Mathematics, University of Pendidikan Sultan Idris, 35900 Tanjong Malim, Perak, Malaysia; [2]Centre of Natural Products and Drug Discovery, Block D, Department of Chemistry, Faculty of Science, University of Malaya, 50603 Kuala Lumpur, Malaysia; E-mail: zaf141dekly@gmail.com

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 IC_{50} values 0.404µg/ml and 0.738µg/ml, respectively against *Plasmodium falciparum*, K1 isolate (resistant strain).

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