Aporphine and Bisbenzylisoquinoline Alkaloids from Roots of *Alseodaphne Corneri* Kosterm (Lauraceae)

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In Malaysia, there about 15 genera and 212 species of Lauraceae family and one of the species that reported contained various aporphine and bisbenzylisoquinoline types alkaloids is *Alseodaphne corneri* Kosterm. The plant of this family growth in moderate size in Singapore, Malaysia, Jawa, Sumatra and Borneo. The phytochemical study of the roots of *Alseodaphne corneri* (Lauraceae) had been carried out. Chromatographic separation of the alkaloid extract led to the isolation of four isoquinoline alkaloids namely laetanine (1), boldine (2), O-methylmacusine (3) and stephasubine (4). The isolation and purification of the alkaloids were achieved using column chromatography (CC) and preparative thin layer chromatography (PTLC). The structural elucidation was performed by spectral methods mainly UV, IR, NMR including 1D-NMR (¹H and ¹³C) and 2D-NMR (COSY, HMQC and HMBC).

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