

**ISOLASI SENYAWA ALKALOID
DARI KULIT BATANG *Dehaasia lancifolia* BL. Ridl**

Hasnirwan¹, Dayar Arbain², Harry Abrir Effendy¹

¹Laboratorium Kimia Organik Bahan Alam FMIPA Unand

²Fakultas Farmasi Unand Padang

ABSTRACT

Dehaasia lancifolia plant from family of *Lauraceae* and base on the phytochemical survey in Malaysia and West Sumatera containing alkaloid compounds. The alkaloid compounds containing in *Dehaasia lancifolia* BL. Ridl has not been isolated and from chemotaxonomy approximation gave an indication that alkaloid structure not quite difference with one of *Phoebe* genus of the same family which has been isolated. The isolated alkaloid compound was obtained in amorphous solid phase and yellowish colored in relatively high concentration. The bromide salt of this compound melt at 261°-264°C. UV spectrum indicated the maximum absorption band at wavelength 282 and 204 nm which indicated the chromophoric group of tetrahydroquinoline. IR spectrum shown an absorption band at: 3550 cm⁻¹ (stretching C-N), 3030 cm⁻¹ (C-H aromatic), 2930 cm⁻¹ (-CH₂- stretching), 2860 (CH aliphatic stretching), 1660-1600 cm⁻¹ (C=C aromatic), 1530 cm⁻¹ (C=N aromatic), 1070 cm⁻¹ (C-O-C stretching) and bromide salt shown an absorption band at 2680 cm⁻¹ (>N⁺-H stretching) and without OH group in this molecule

Keywords: *dehaasia lancifolia* BL. Ridl, alkaloid, spectrophotometer UV and IR

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