

**CHEMICAL CONSTITUENT'S FROM THE ROOTS OF**  
*Murraya koenigii*

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## ABSTRACT

### THE CHEMICAL CONSTITUENTS FROM THE ROOTS OF *Murraya koenigii*

*Murraya koenigii* have been widely used in preparing food as well as known with their medicinal properties and value. Further works have been conducted in order to isolate and identify the chemical components from the roots of this plant species. Extraction has been carried out by soaking with ethyl acetate for 48 hours twice. Four grams crude extracts was obtained as a brownish solid. This crude extract was subjected to a series of column chromatography and two carbazole alkaloids, girinimbine (**4**) and murrayafoline-A (**28**) were successfully isolated. The structures of these compounds were confirmed by infra-red (IR), UV and nuclear magnetic resonance ( $^1\text{H}$  NMR) and comparison with previous data.