

**E2-18: Chemical investigation of *Myristica dactyloides* (Myristiceae)**

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Chemical investigation of hot hexane extract of the stem bark of *Myristica dactyloides* collected from Mahapatana yielded 4 aryl alkanones, a lignan, and 3 other unidentified compounds after separation and purification by chromatographic techniques. Three of the aryl alkanones were previously isolated from the same species (I, II, III), while the structures of the novel aryl alkanone and the lignan (IV, V) were confirmed by spectral data and chemical methods. The present results clearly signal a wide array of unknown natural products in the hot-hexane extract.

