Natural cholinesterase inhibitors from *Myristica cinnamomea* King

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### Abstract

A new acylphenol, malabaricone E (1) together with the known malabaricones A-C (2–4), maingayones A and B (5 and 6) and maingayic acid B (7) were isolated from the ethyl acetate extract of the fruits of *Myristica cinnamomea* King. Their structures were determined by 1D and 2D NMR techniques and LCMS-IT-TOF analysis. Compounds 3 (1.84 ± 0.19 and 1.76 ± 0.21 μM, respectively) and 4 (1.94 ± 0.27 and 2.80 ± 0.49 μM, respectively) were identified as dual inhibitors, with...