Supporting Information to:

Isolation and Characterization of Yuremamine, a New Phytoindole

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Fig. 1 HPLC-UV chromatogram of M. tenuiflora stem bark extract; DMT appears at 7.7 minutes (k' = 5.2) and compound 1 at 16.3 minutes (k' = 13.8) under these conditions.

Fig. 2 MS/MS trace of compound 1 with \( m/z = 432 \) as the base peak, after the loss of HN(CH\(_3\))\(_2\) from the 3-ethylindole side chain, with very few other ions (upper panel). Further degradation by MS\(^3\) mass spectroscopy gave ions \( m/z = 264 \) and 414 (lower panel), which provide additional verification for the structural identity of compound 1.