Supporting Information

The first cyclic monomeric 3-alkylpyridinium alkaloid from natural sources: identification, synthesis, and biological activity

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Table of contents:

Figure S1: MS/MS spectra of 5, 6, and 8 ................................................................. S2
Figure S2: HPLC chromatogram of 5 and 6 ............................................................. S2
Figure S3: HPLC comparison of the crude extract and synthetic 5 ......................... S3
Figure S4: MS/MS spectra of the natural product and synthetic 5 .......................... S4
**Figure S1:** MS/MS spectra of the linear 3-APAs 6 and 8 and the cyclic monomeric 3-APA (5). The fragmentation pattern of the cyclic monomer (5) is identical to linear monomeric 3-APA with terminal double bond (6).

**Figure S2:** HPLC chromatogram of the cyclic monomer (5) and the linear isomer (6).
Figure S3: Comparison of the HPLC chromatograms of the crude extract of *Haliclona viscosa* (A), synthetic 5 (B), and a mixture of both (A+B).
**Figure S4:** Comparison of the MS/MS spectra of the natural product (from the MS of the crude extract of *Haliclona viscosa*) and synthetic 5.