J. Braz. Chem. Soc., Vol. 20, No. 4, S1-S6, 2009.
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0103 - 5053 $6.00+0.00

Supplementary Information

Spruceanumines A and B, Novel Plumeran Indole Alkaloids from *Aspidosperma spruceanum* (Apocynaceae)

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IR, ESI-MS, ESI-MS/MS, ^{1}H NMR, {^{1}H}-^{13}C NMR, DEPT 135°^{13}C NMR, ^{1}H-^{1}H-COSY, ^{1}H-^{1}H-NOESY, HSQC ($^{1}J_{CH}$) and HMBC ($^{n}J_{CH}$, n=2 and 3) spectra of **1** and **2** are available free of charge at http://jbcs.sbq.org.br, as PDF file.

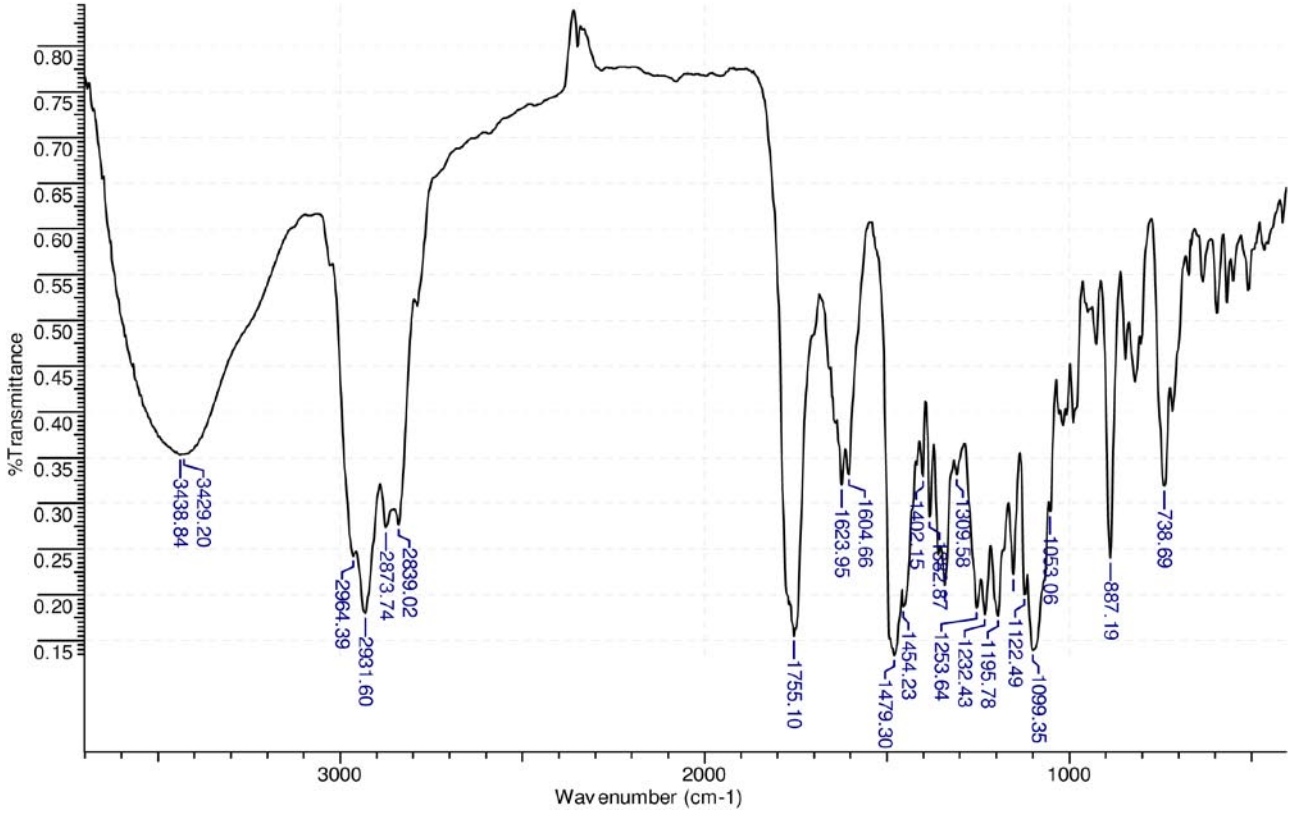

Figure S1. IR of the mixture alkaloids **1** e **2**

*e-mail: braz@uenf.br

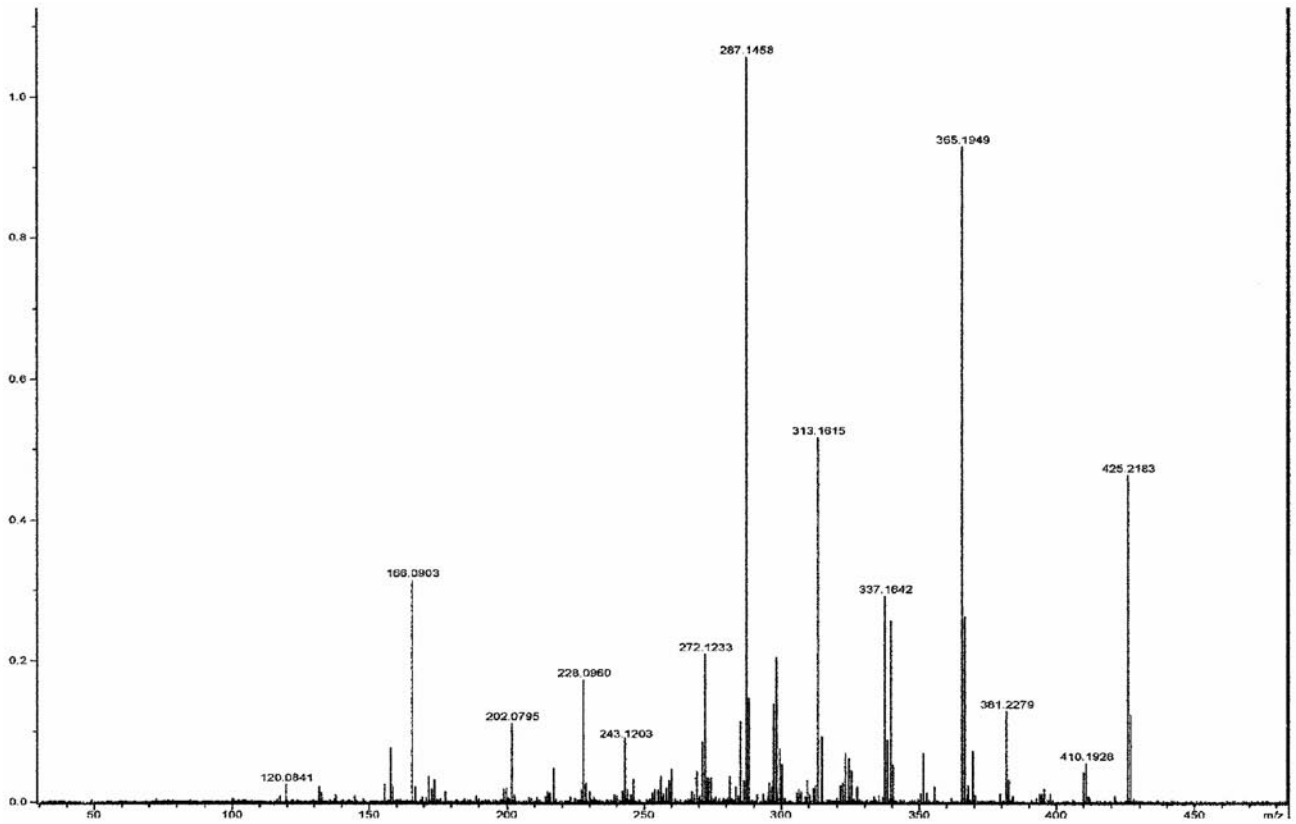

Figure S2. ESI-MS/MS of alkaloid **1**.

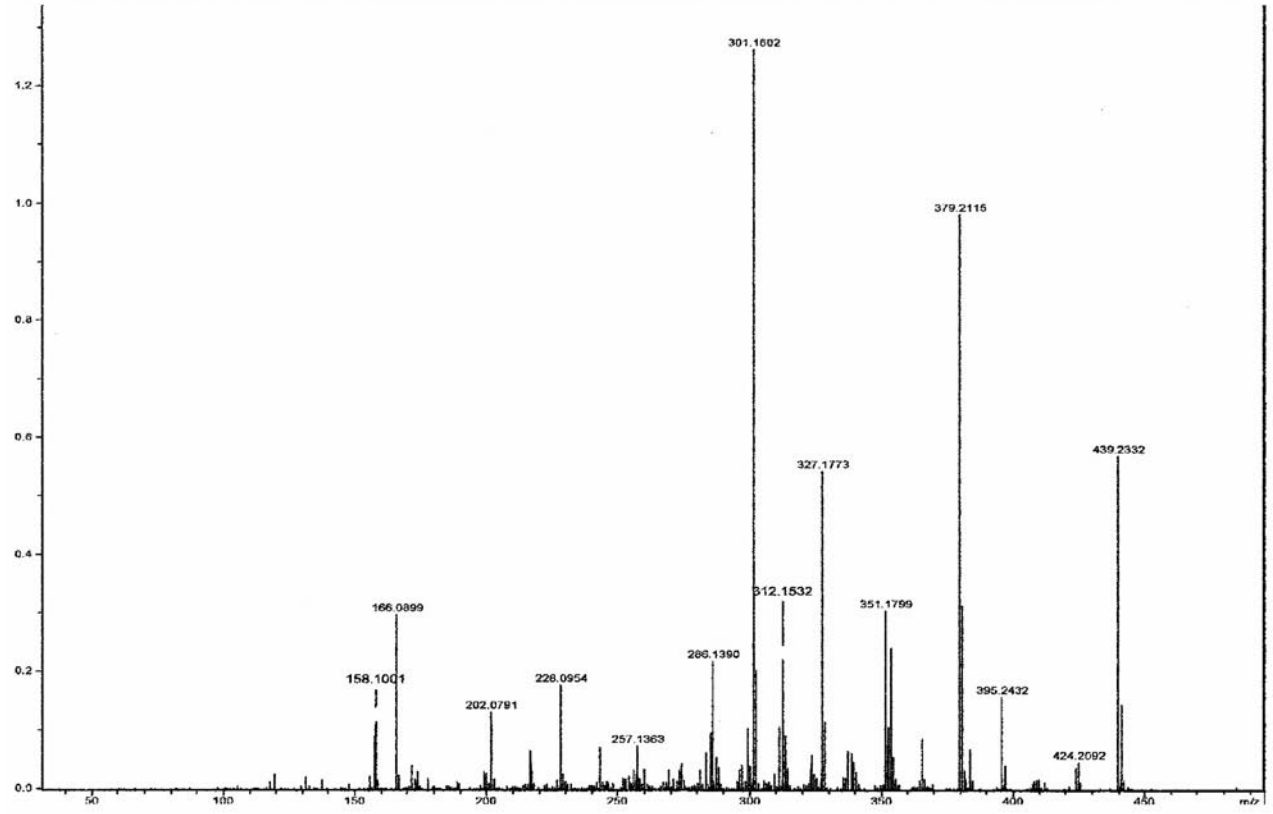

Figure S3. ESI-MS/MS of alkaloid **2**.

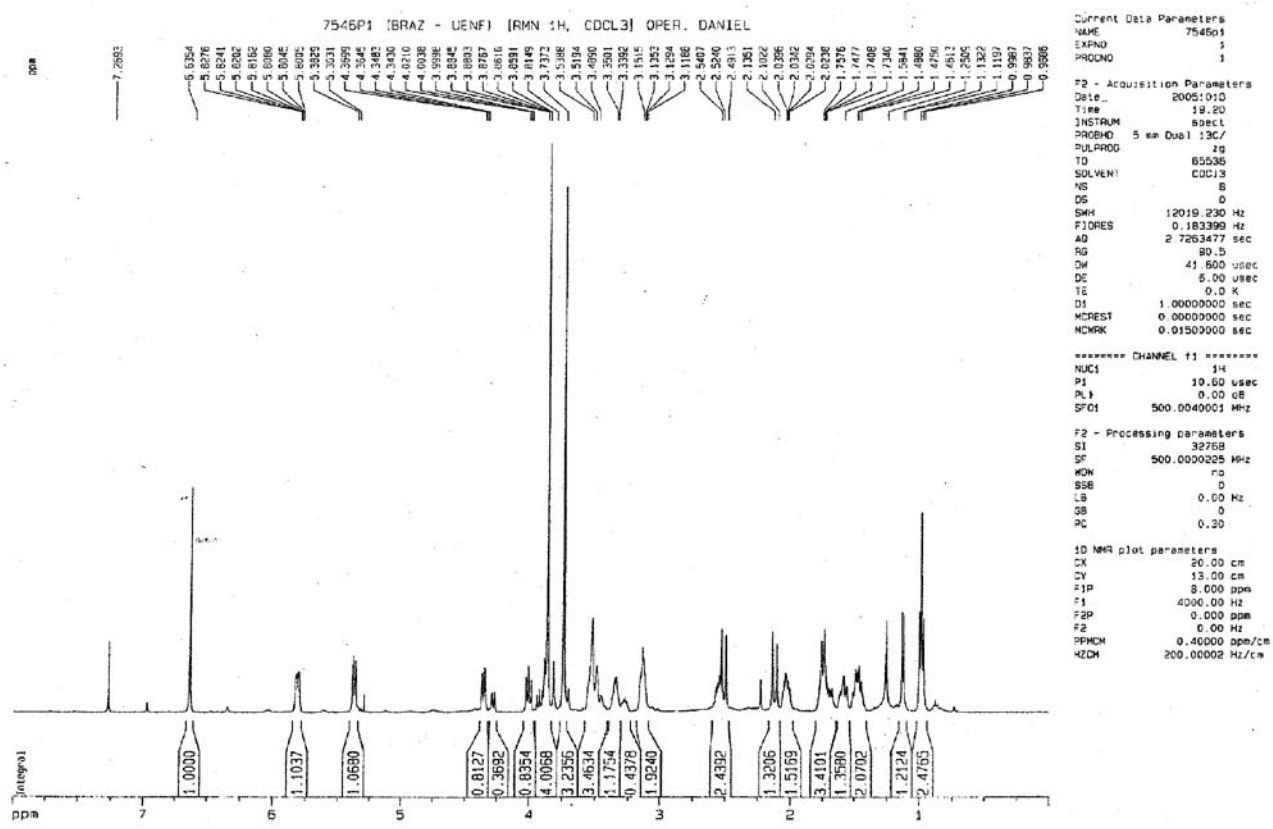

Figure S4. ^{1}H NMR (500MHz) in $CDCl_3$ of mixture alkaloids **1** and **2**.

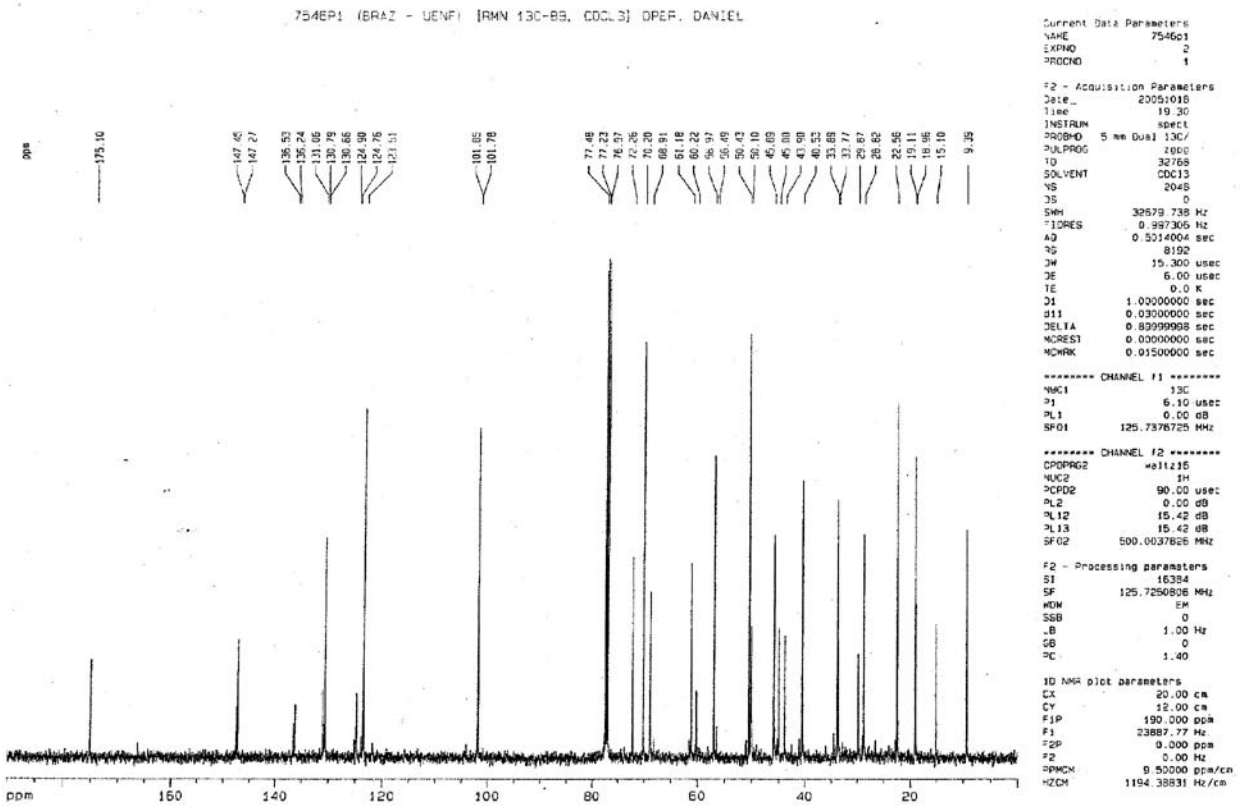

Figure S5. ^{13}C NMR (125 MHz) in $CDCl_3$ of mixture alkaloids **1** and **2**.

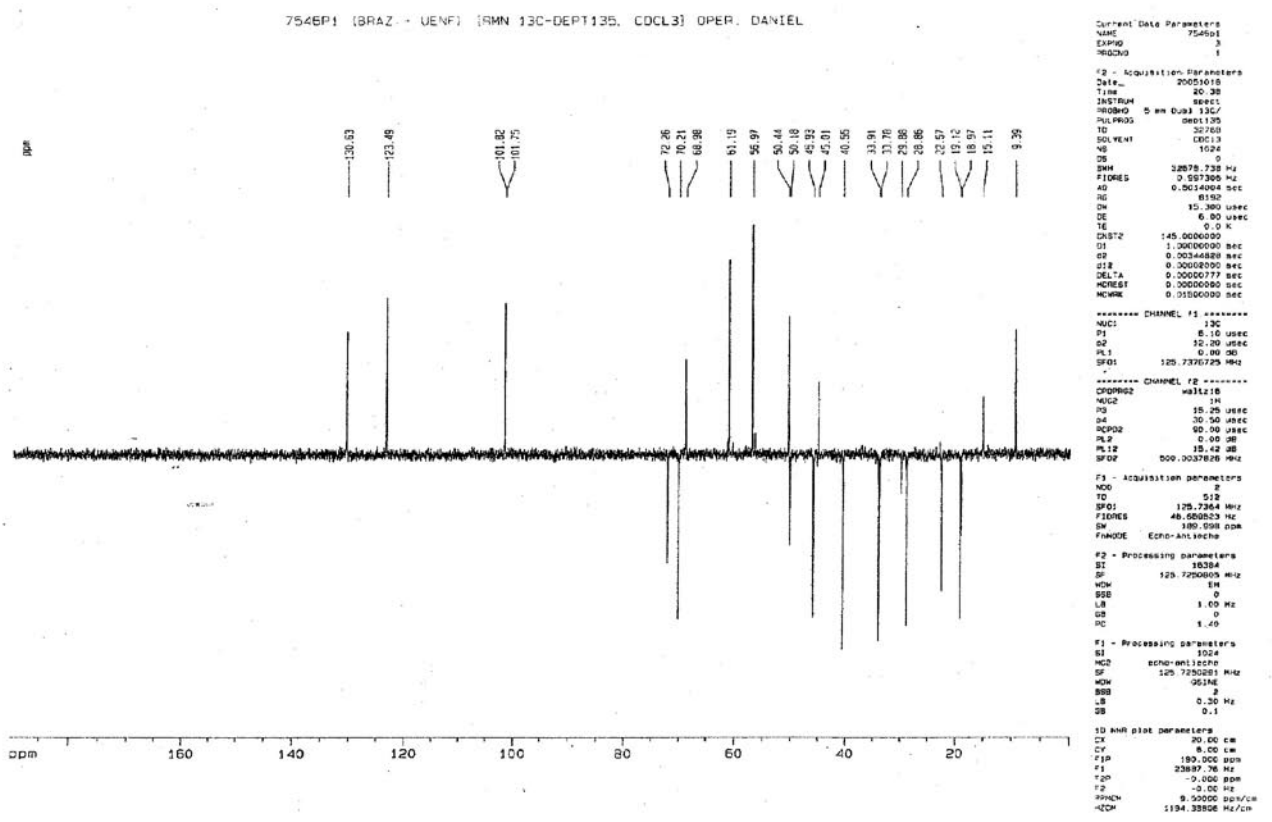

Figure S6. ^{13}C NMR-DEPT 135 (125 MHz) in $CDCl_3$ of mixture alkaloids **1** and **2**.

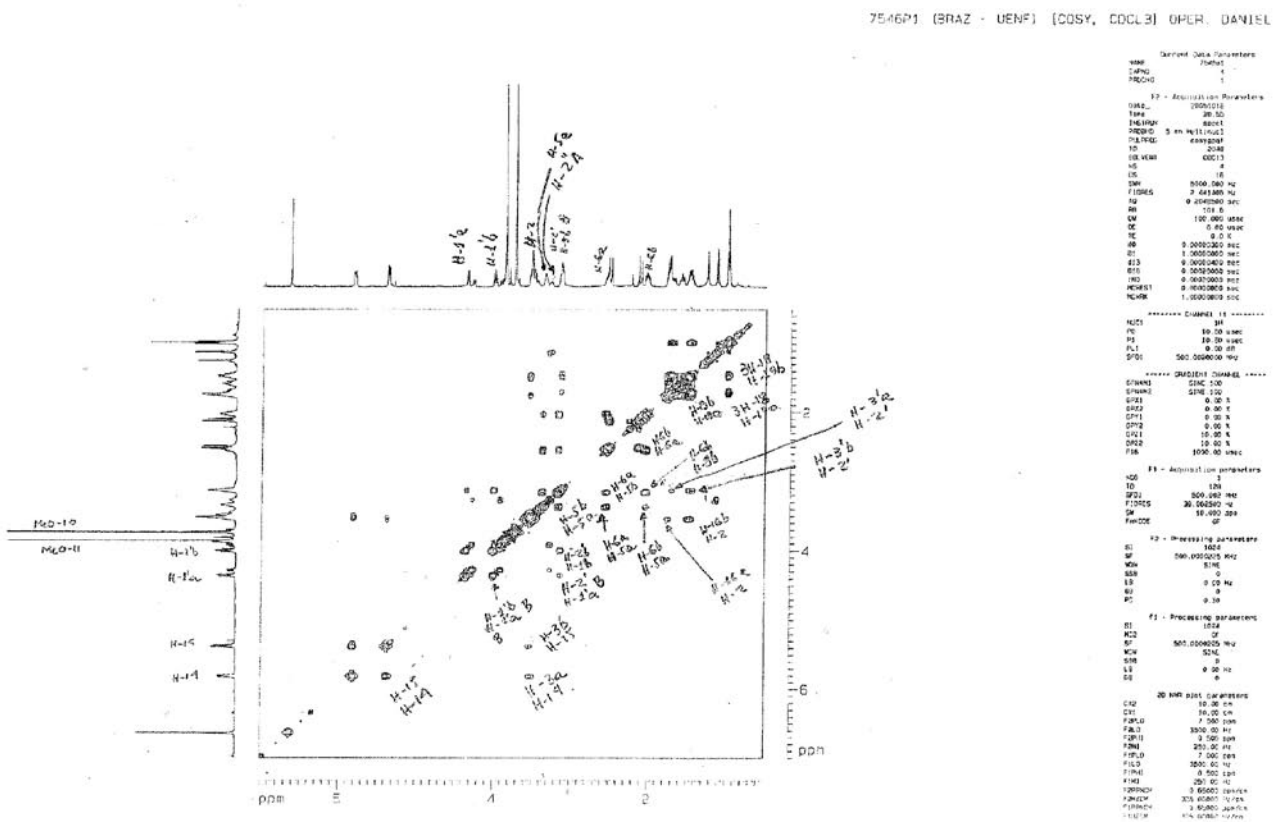

Figure S7. Homonuclear correlation ^{1}H-^{1}H COSY in $CDCl_3$ of mixture alkaloids **1** and **2**.

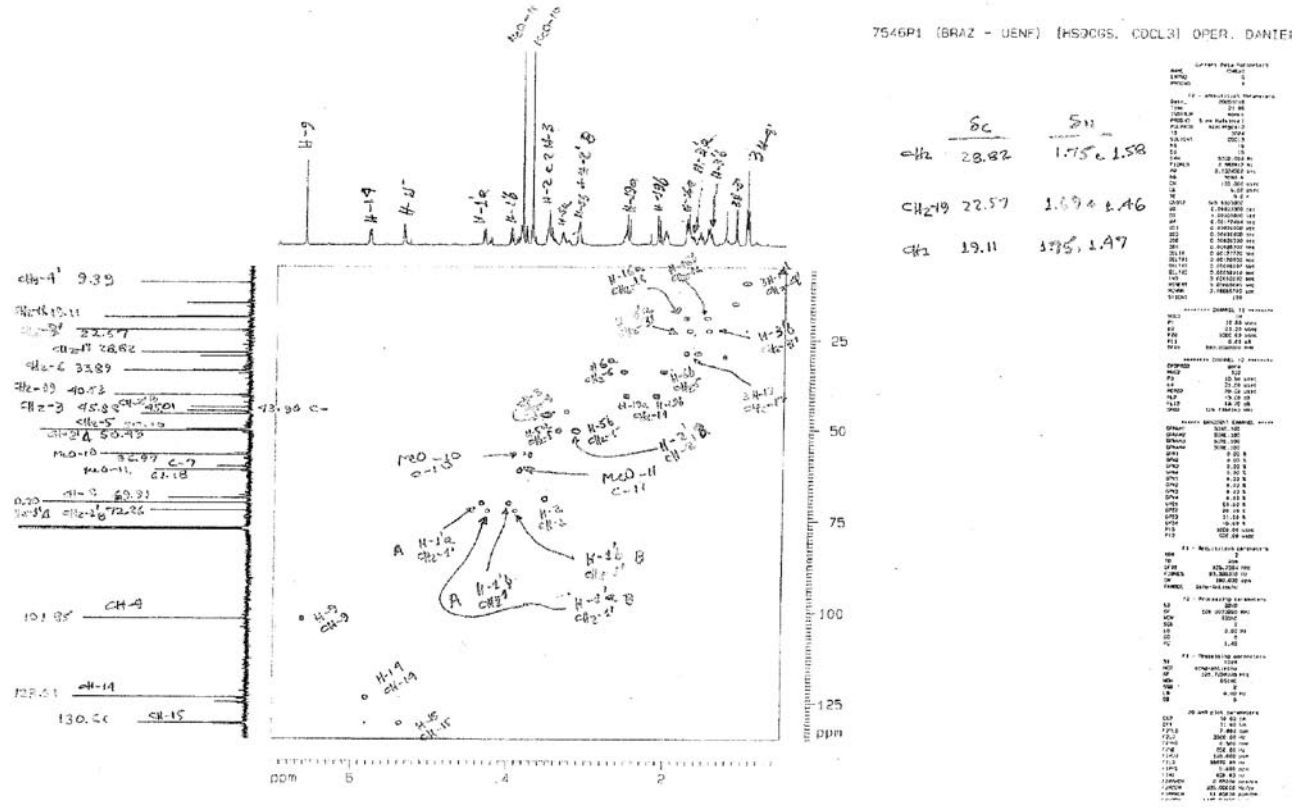

Figure S8. Heteronuclear correlation HSQC in $CDCl_3$ of mixture alkaloids **1** and **2**.

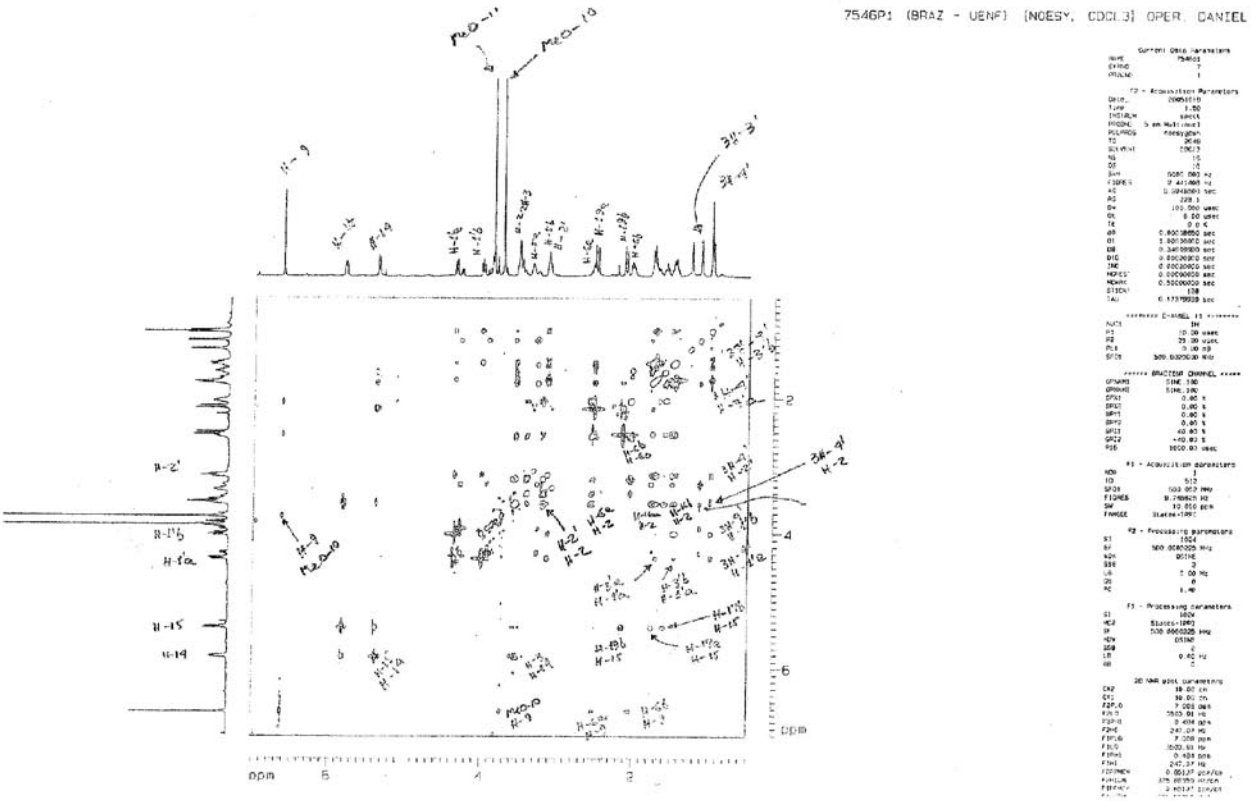

Figure S9. Homonuclear correlation ^1H-^1H-NOESY in $CDCl_3$ of mixture alkaloids **1** and **2**.

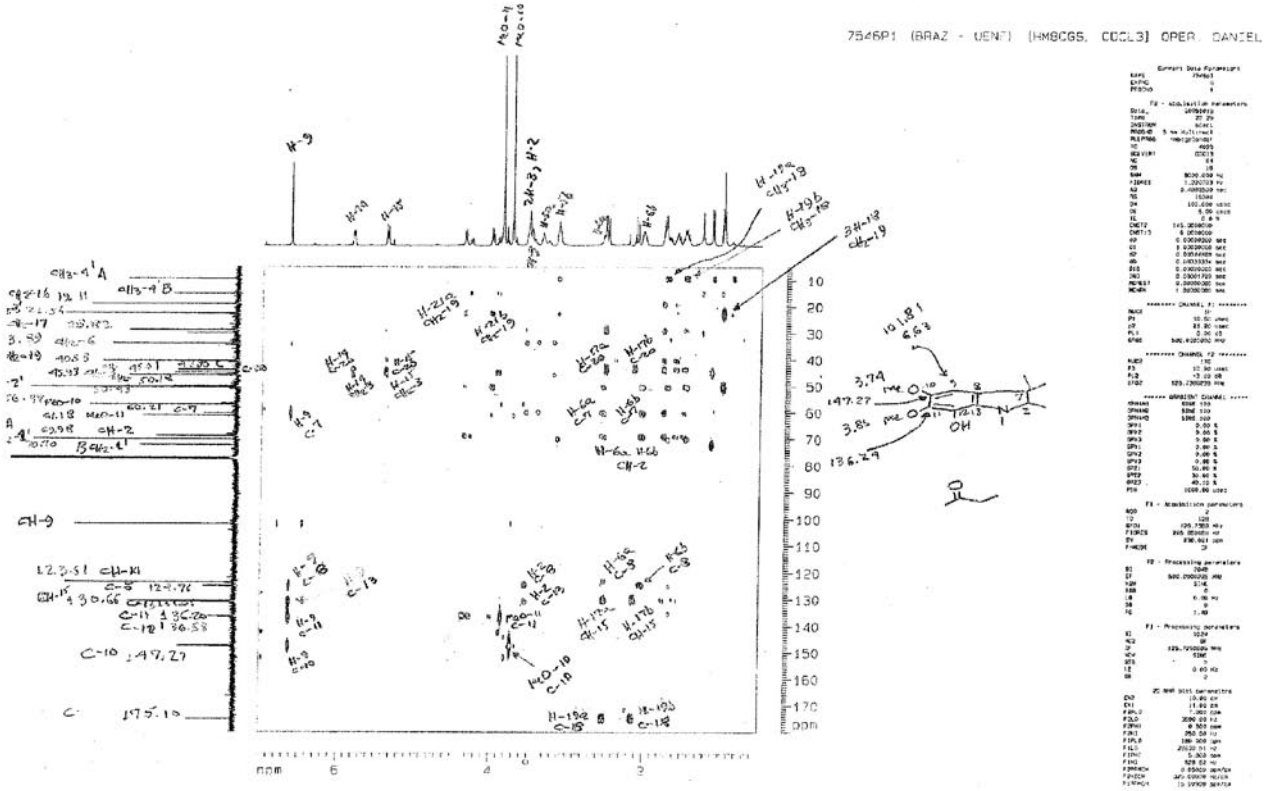

Figure S10. Heteronuclear correlation HMBC in $CDCl_3$ of mixture of alkaloids **1** and **2**.

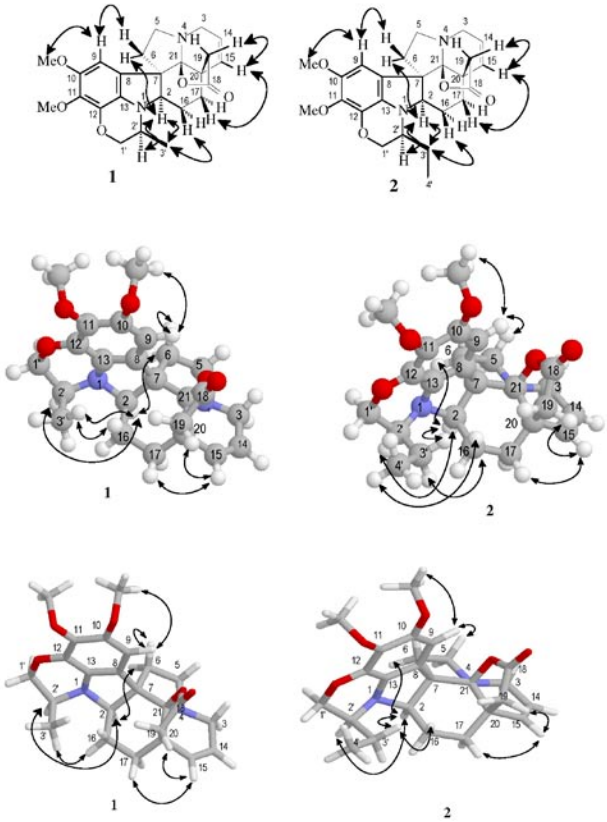

Figure S11. Selected NOESY correlations and relative stereochemistry for spruceanumines A (**1**) and B (**2**). Arrows denote the main NOESY correlations.