J. Braz. Chem. Soc., Vol. 19, No. 5, S1-S7, 2008.
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0103 - 5053 $6.00+0.00

Hydroxylation of a Hederagenin Derived Saponin by a Xylareaceous Fungus Found in Fruits of *Sapindus saponaria*

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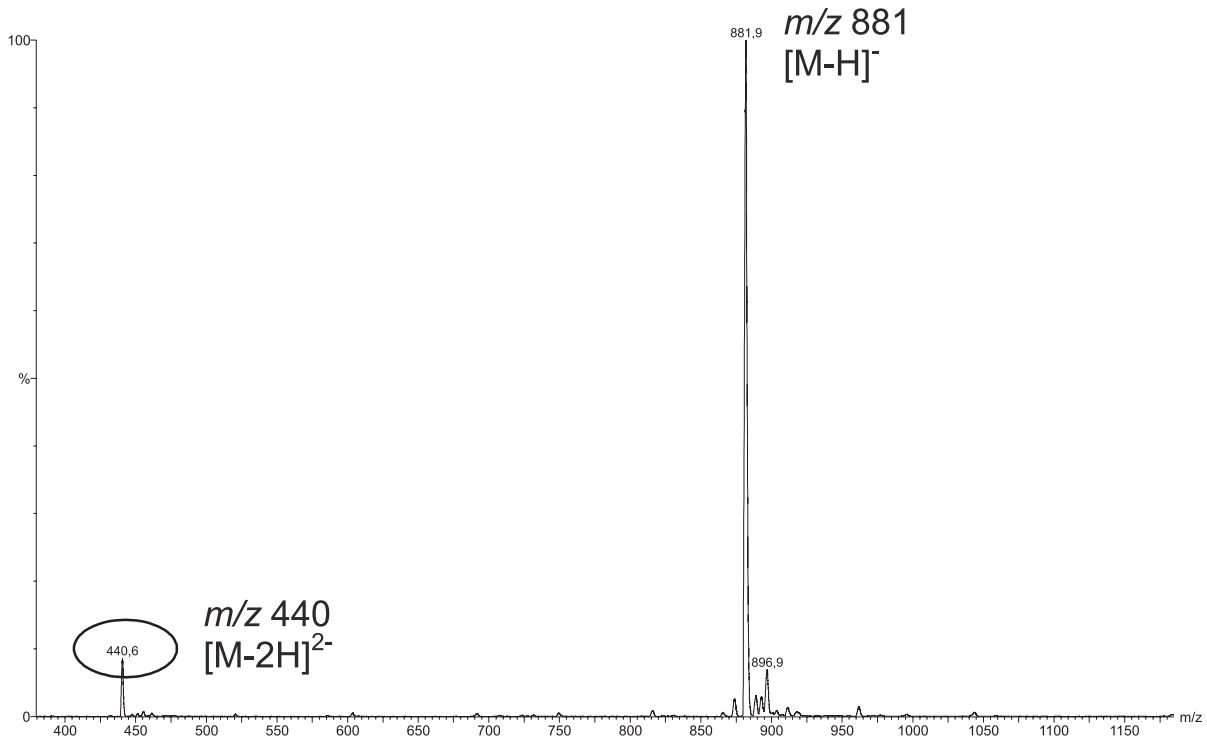

Figure S1. ESI-MS of saponin **1**.

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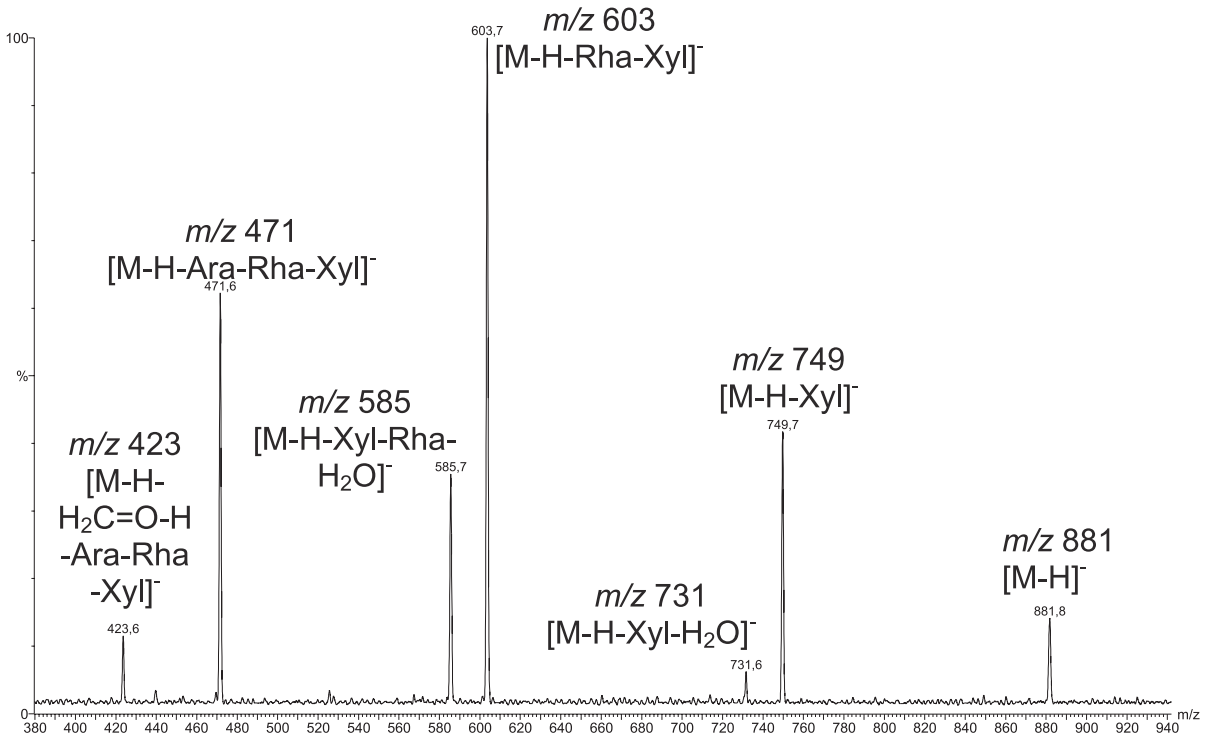

Figure S2. ESI-MS/MS of saponin **1**.

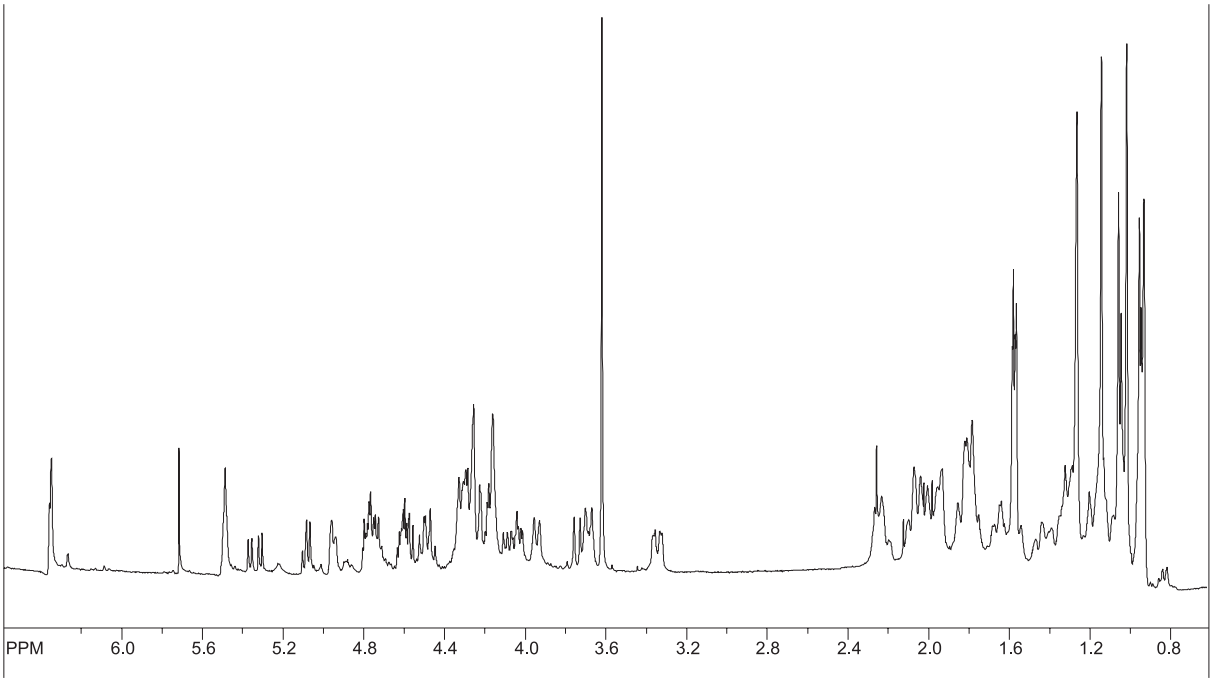

Figure S3. ^{1}H NMR spectrum (400 MHz, C_5D_5N;TMS) of saponin **1**.

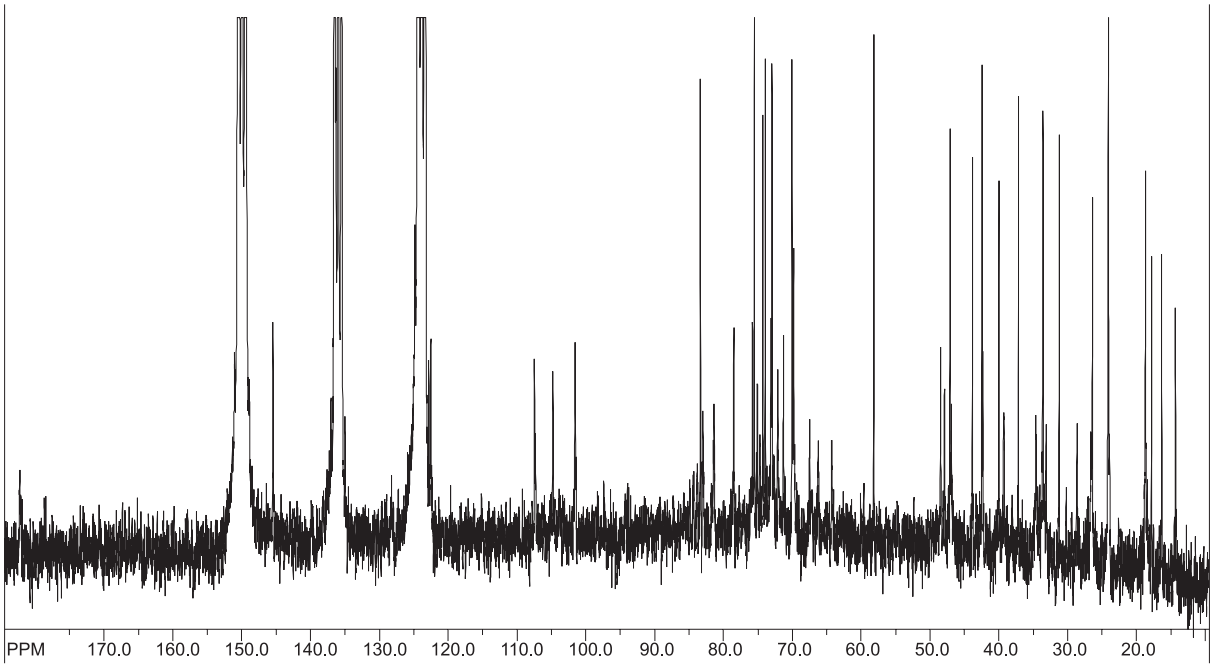

Figure S4. ^{13}C NMR spectrum (100 MHz, C_5D_5N;TMS) of saponin **1**.

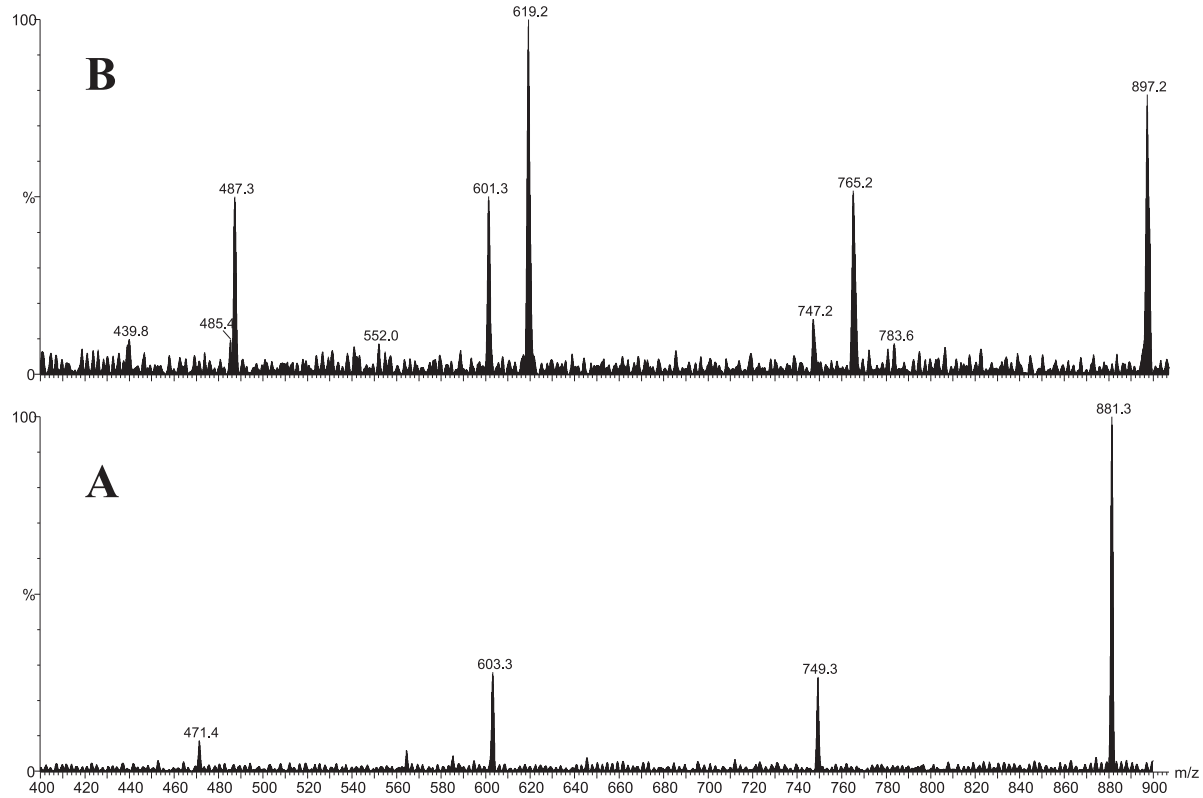

Figure S5. ESI-MS/MS of saponin **2** (A) and **1** (B).

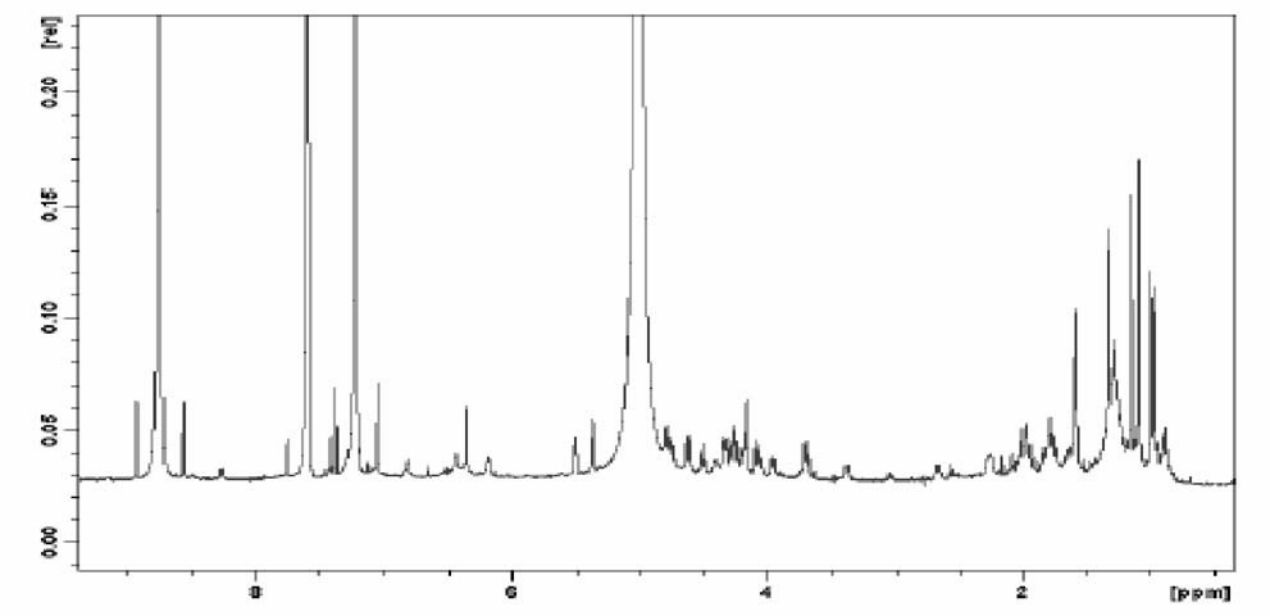

Figure S6. ^{1}H NMR spectrum (500 MHz, C_5D_5N;TMS) of saponin **2**.

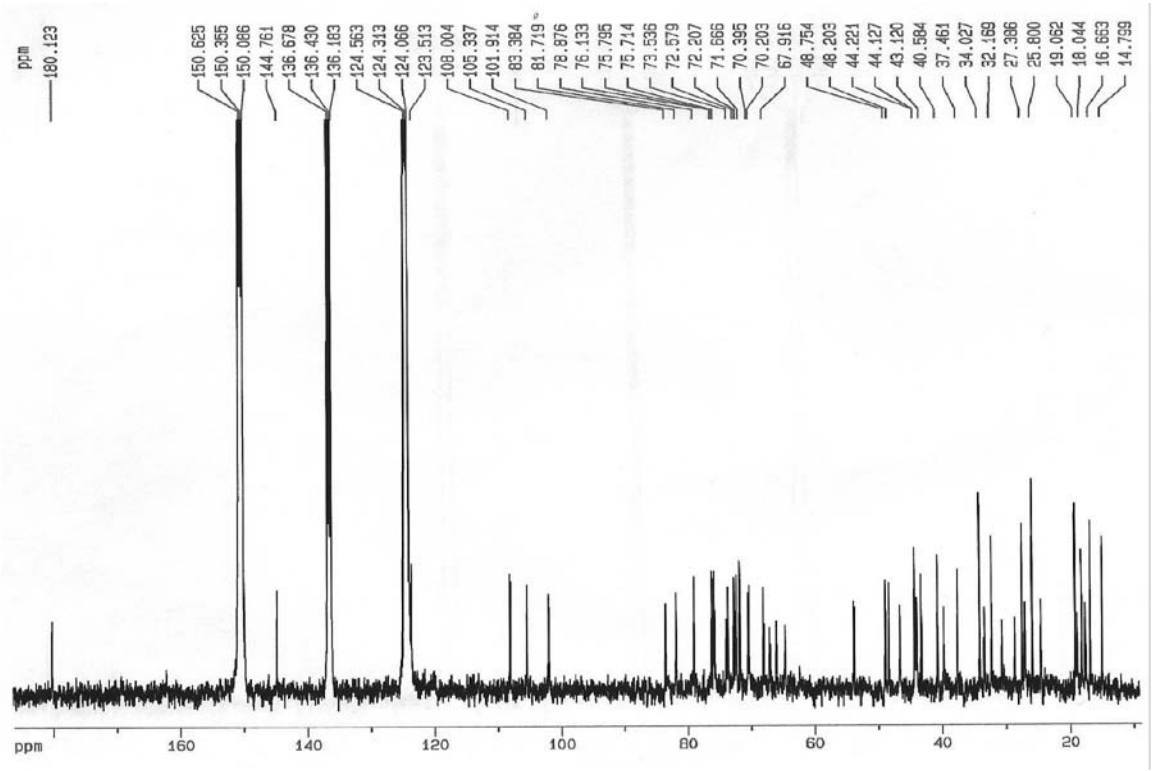

Figure S7. ^{13}C NMR spectrum (100 MHz, C_5D_5N;TMS) of saponin **2**.

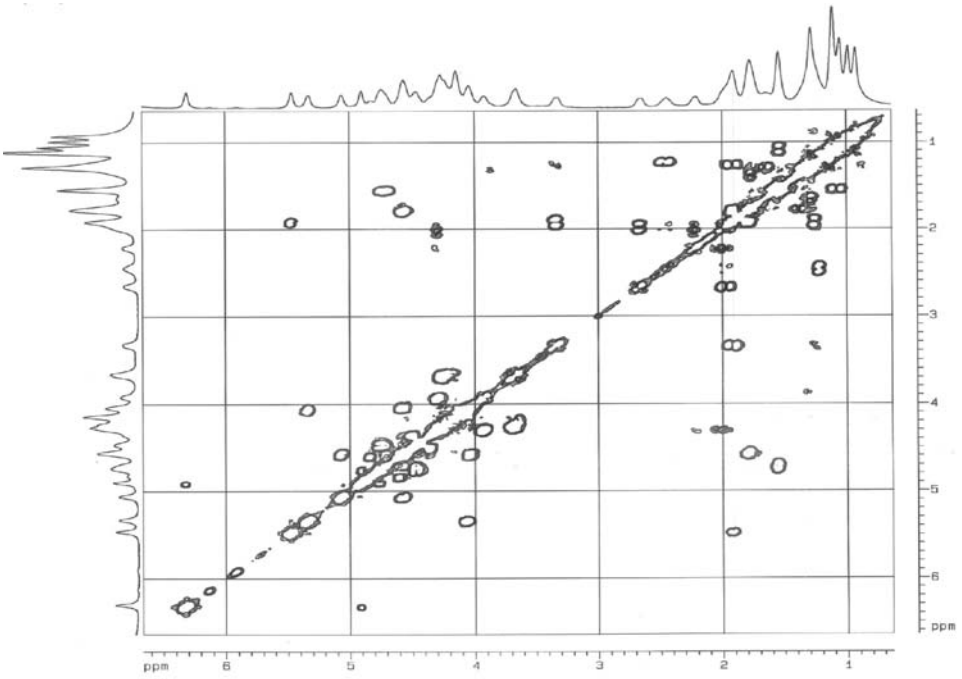

Figure S8. 2D ^{1}H-^{1}H COSY NMR spectrum (400 MHz, C_5D_5N;TMS) of saponin **2**.

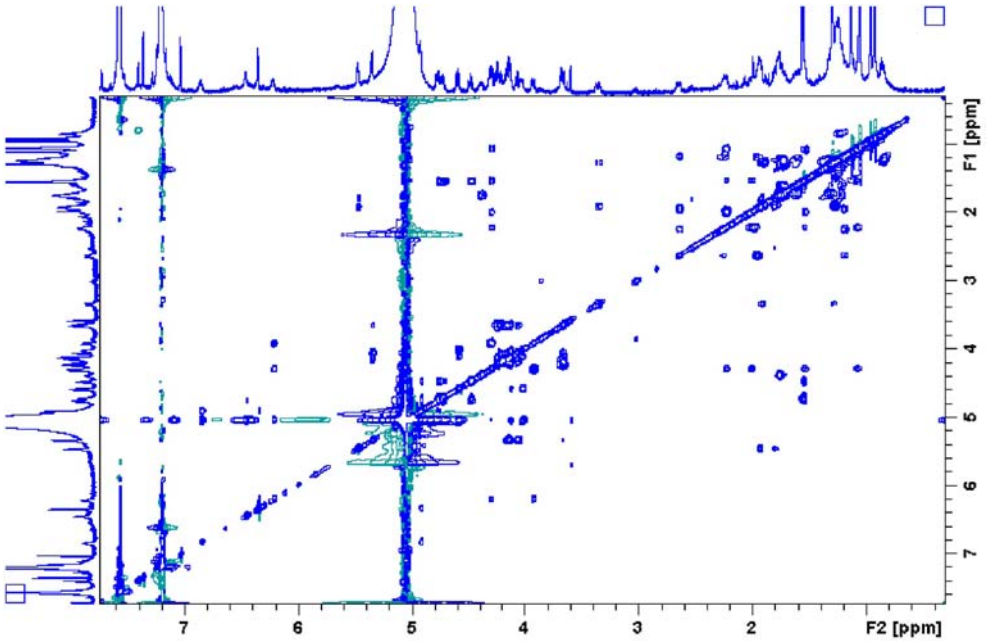

Figure S9. 2D ^{1}H-^{1}H TOCSY NMR spectrum (500 MHz, C_5D_5N;TMS) of saponin **2**.

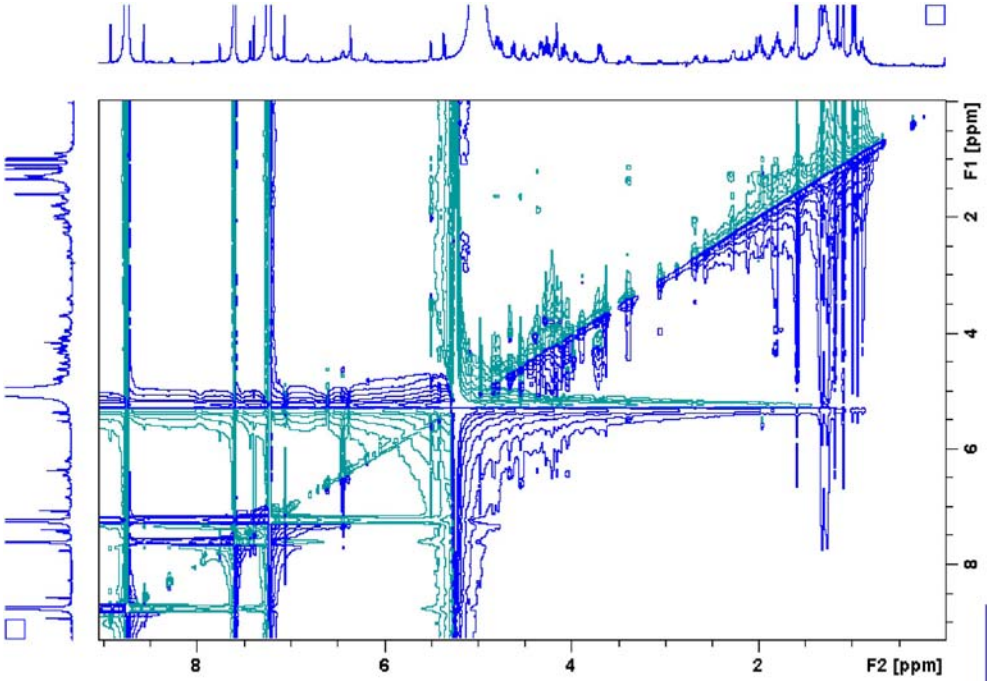

Figure S10. 2D ^{1}H-^{1}H ROESY NMR spectrum (500 MHz, C_5D_5N;TMS) of saponin **2**.

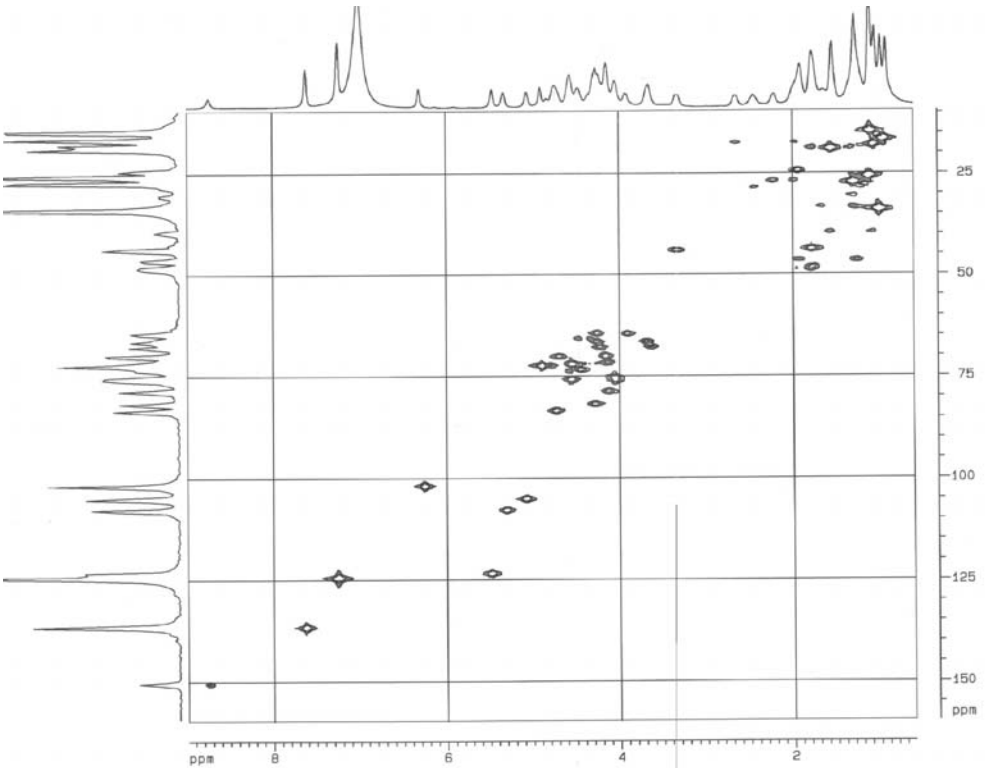

Figure S11. HSQC NMR experiment (400 MHz, C_5D_5N;TMS) of saponin **2**.

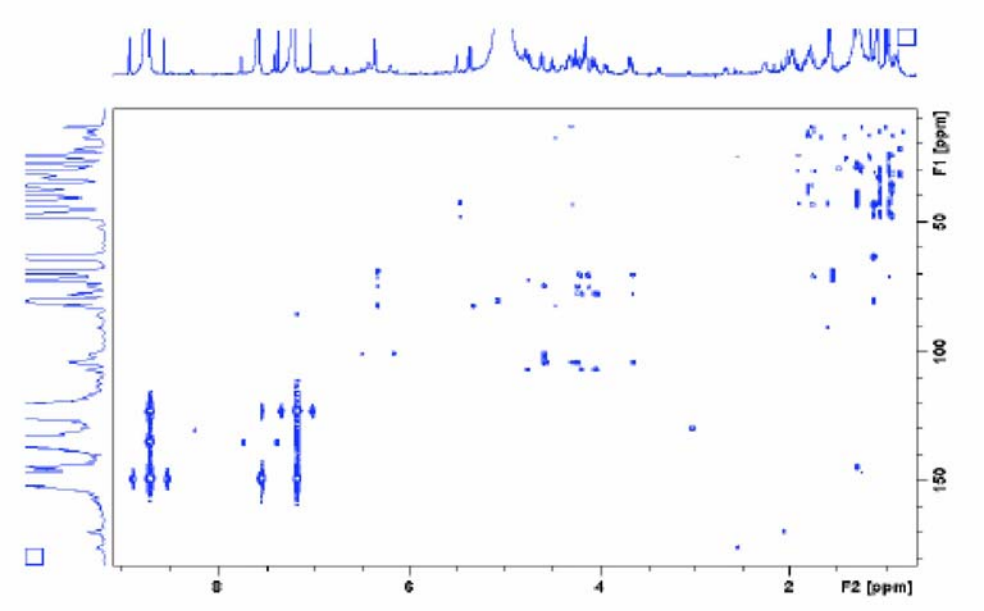

Figure S12. HMBC NMR experiment (500 MHz, C_5D_5N;TMS) of saponin **2**.