Supporting Information

Bioactive Flavaglines and Other Constituents Isolated from *Aglaia perviridis*[#]

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[#] Dedicated for Dr. Lester A. Mitscher, of the University of Kansas, for his pioneering

work on the discovery of bioactive natural products and their derivatives

Supporting information list.

Figure S1-1. ^{1}H NMR spectrum of compound **1** ($CDCl_3$, 400 MHz).

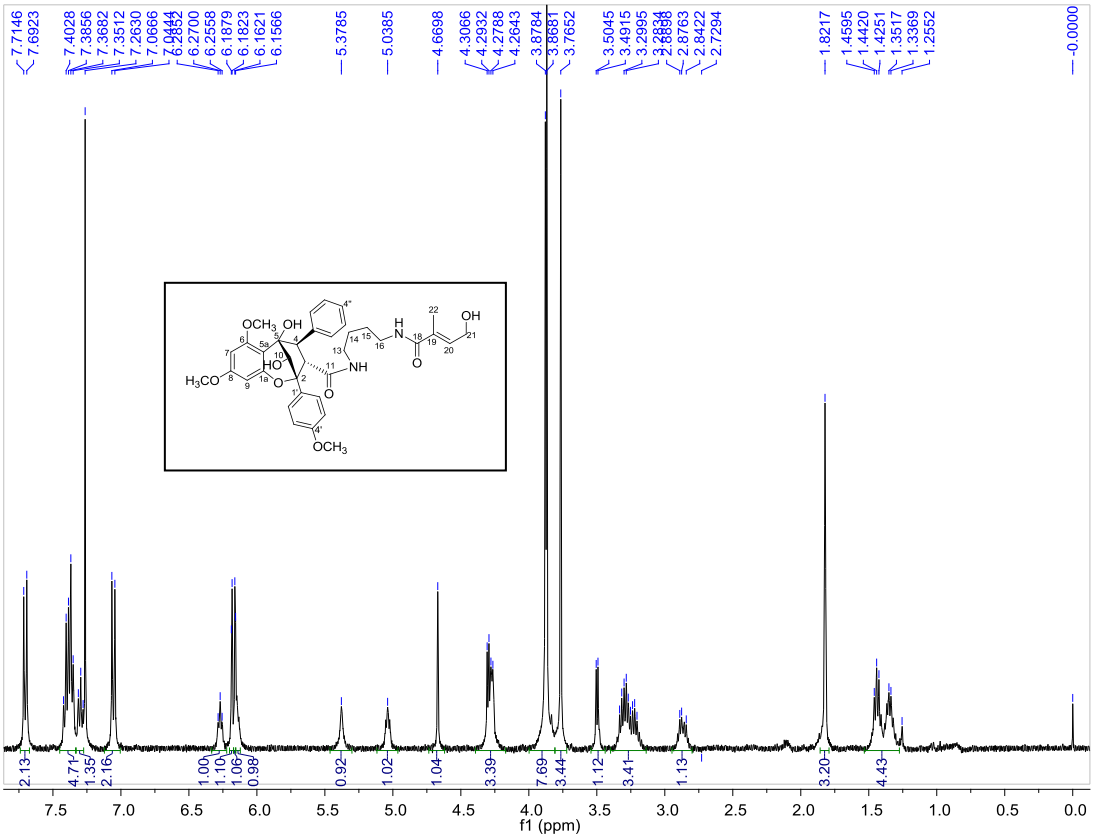

Figure S1-2. ^{13}C DEPT135 spectrum of compound **1** ($CDCl_3$, 100 MHz).

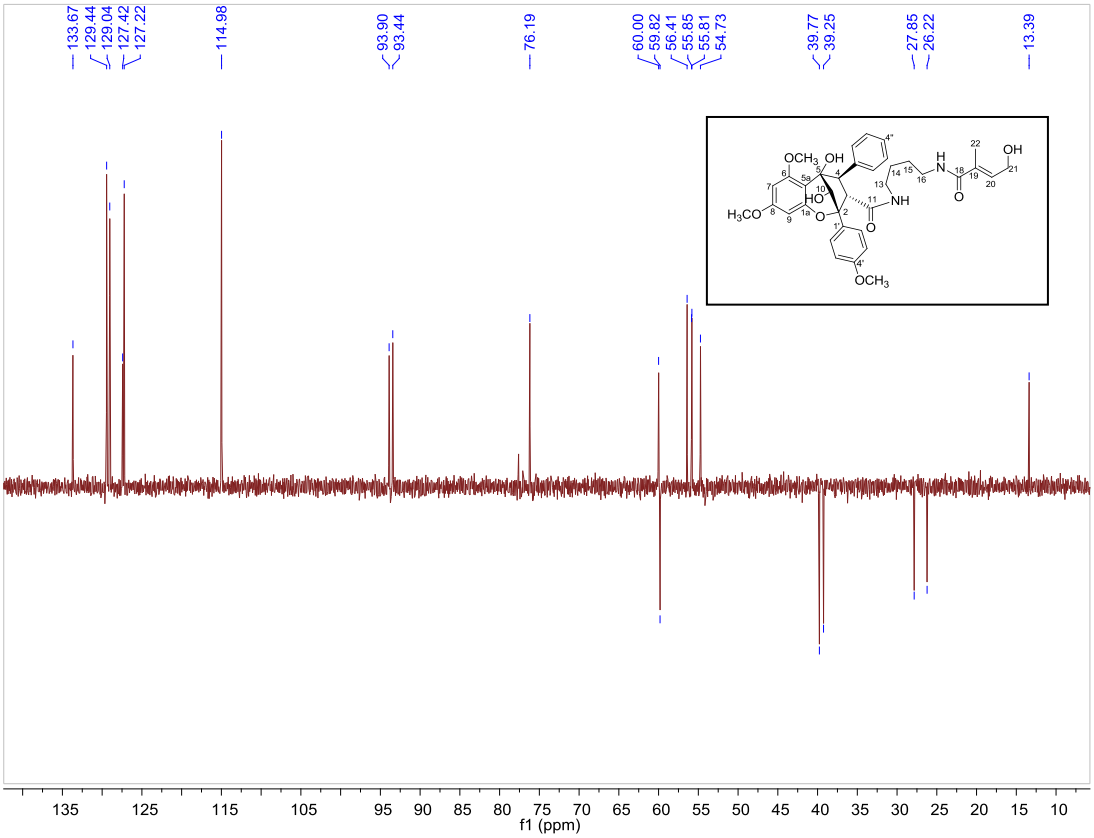

Figure S1-3. ^{13}C NMR spectrum of compound **1** ($CDCl_3$, 100 MHz).

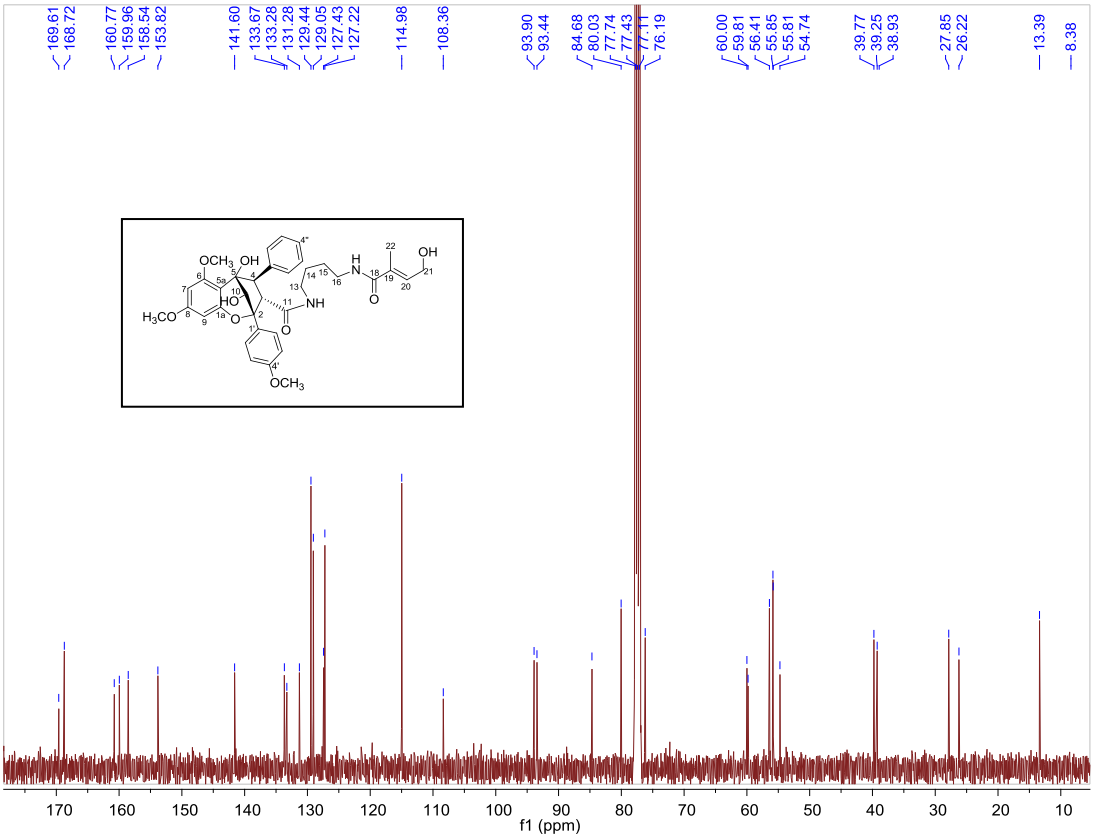

Figure S1-4. HSQC spectrum of compound **1** ($CDCl_3$, 400, 100 MHz).

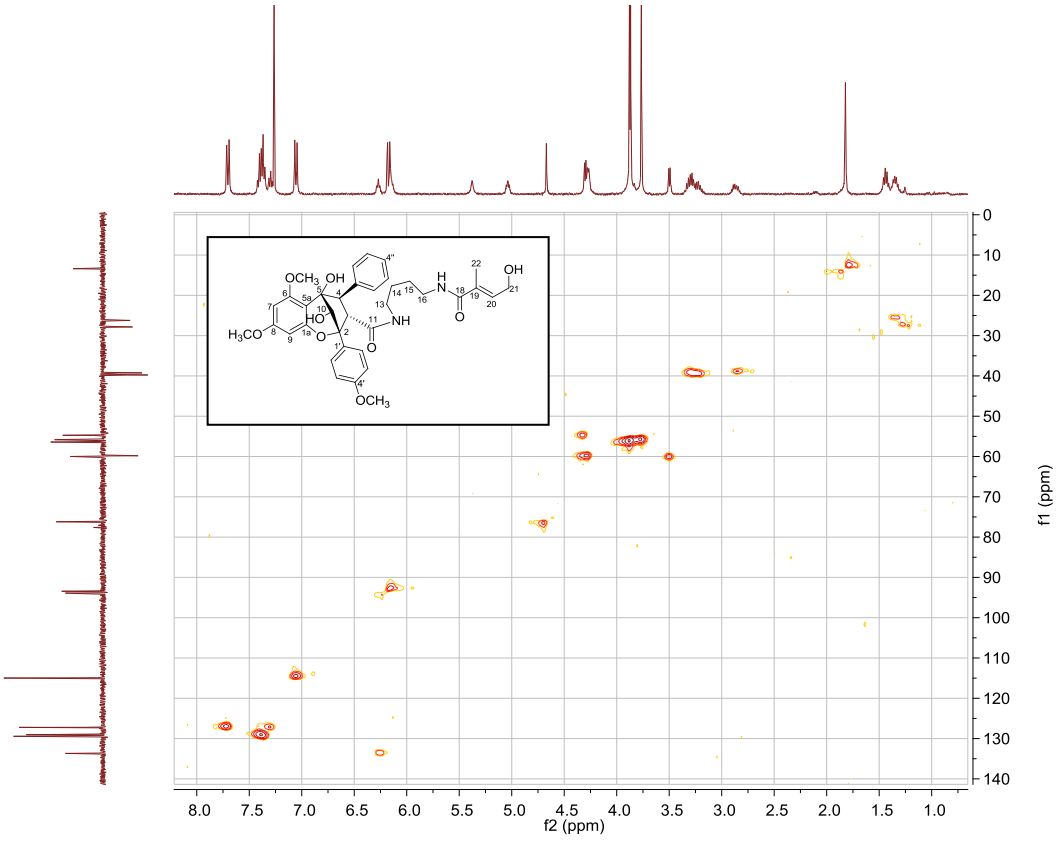

Figure S1-5. HMBC spectrum of compound **1** ($CDCl_3$, 400, 100 MHz).

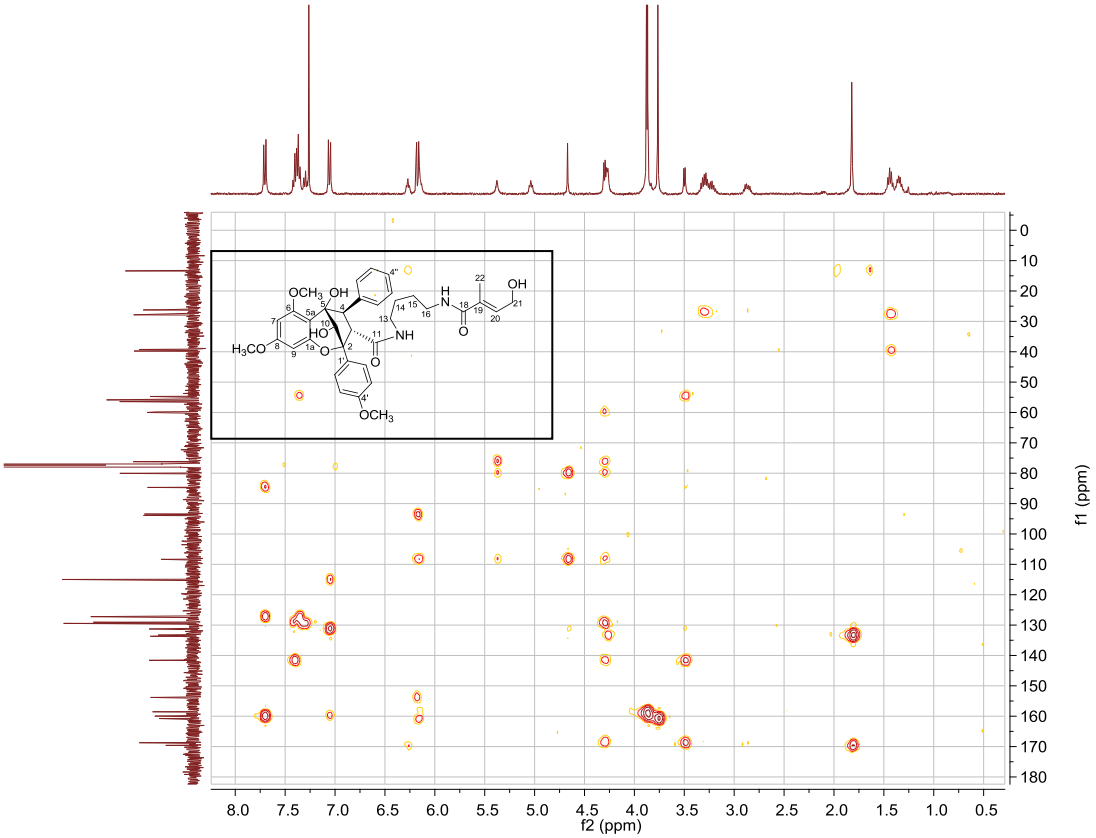

Figure S1-6. ^{1}H-^{1}H COSY spectrum of compound **1** ($CDCl_3$, 400 MHz).

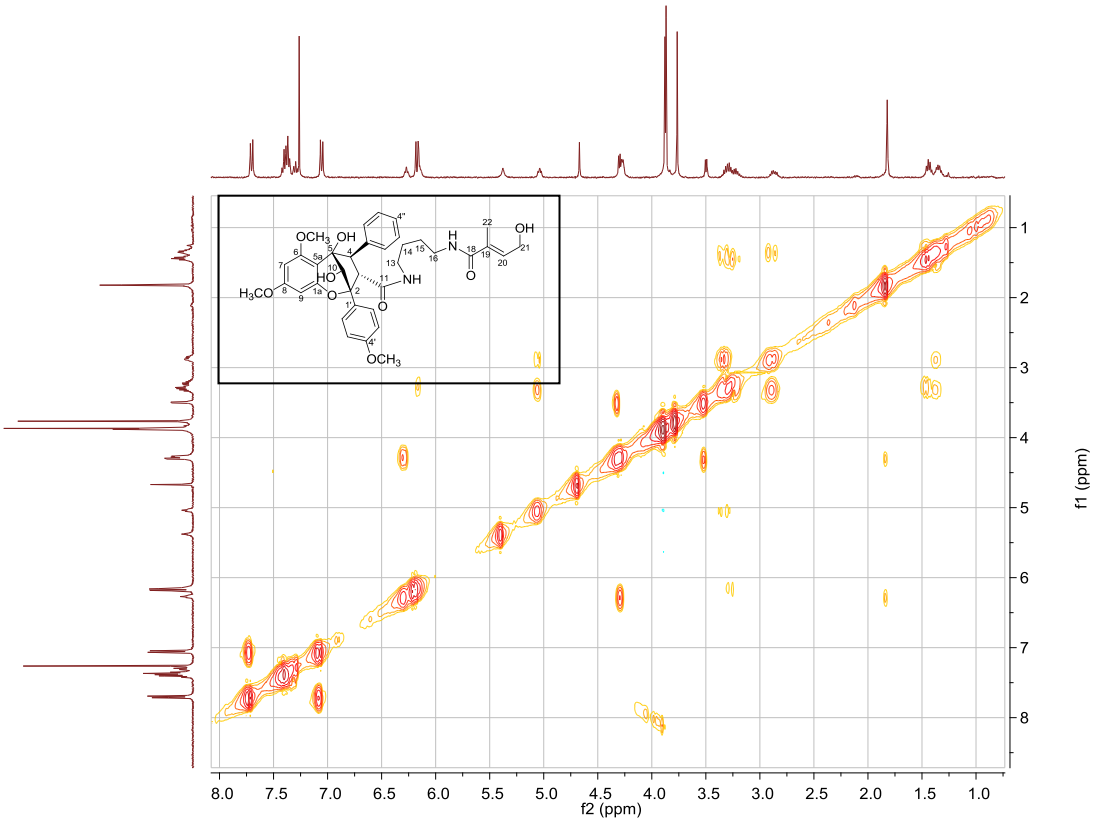

Figure S1-7. NOESY spectrum of compound **1** ($CDCl_3$, 400 MHz).

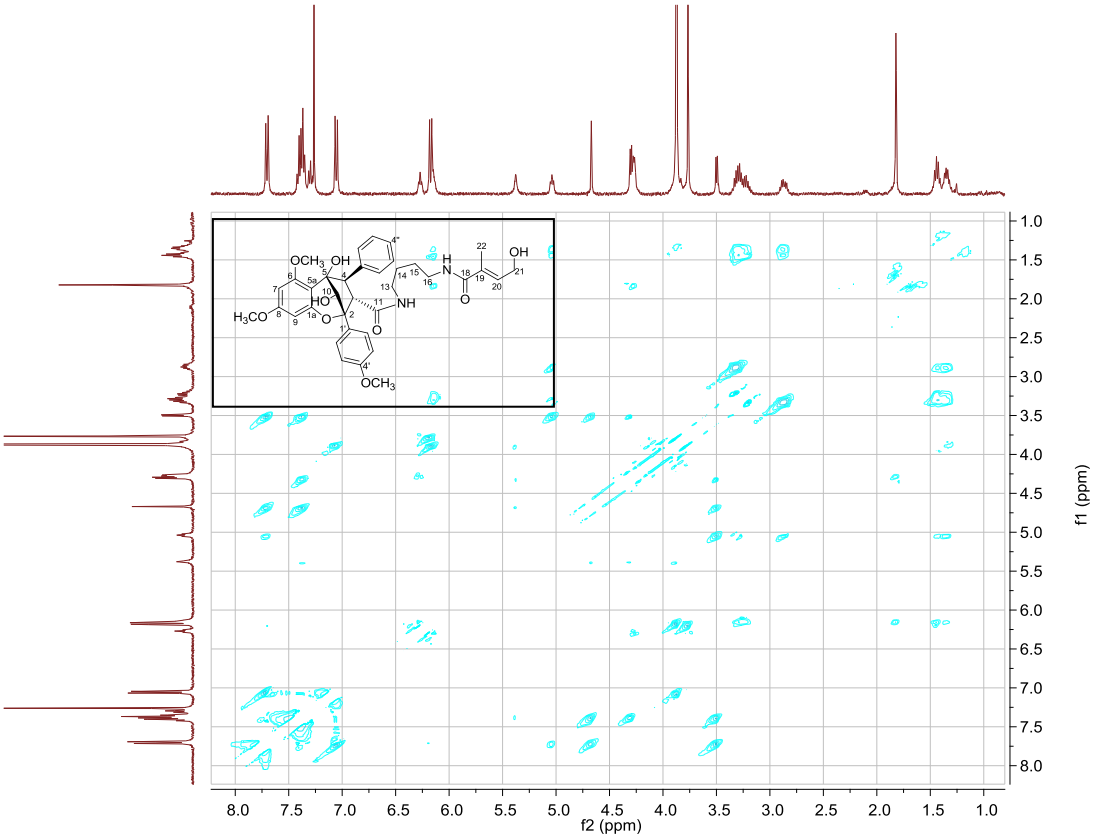

Figure S2-1. ^{1}H NMR spectrum of compound **2** ($CDCl_3$, 400 MHz).

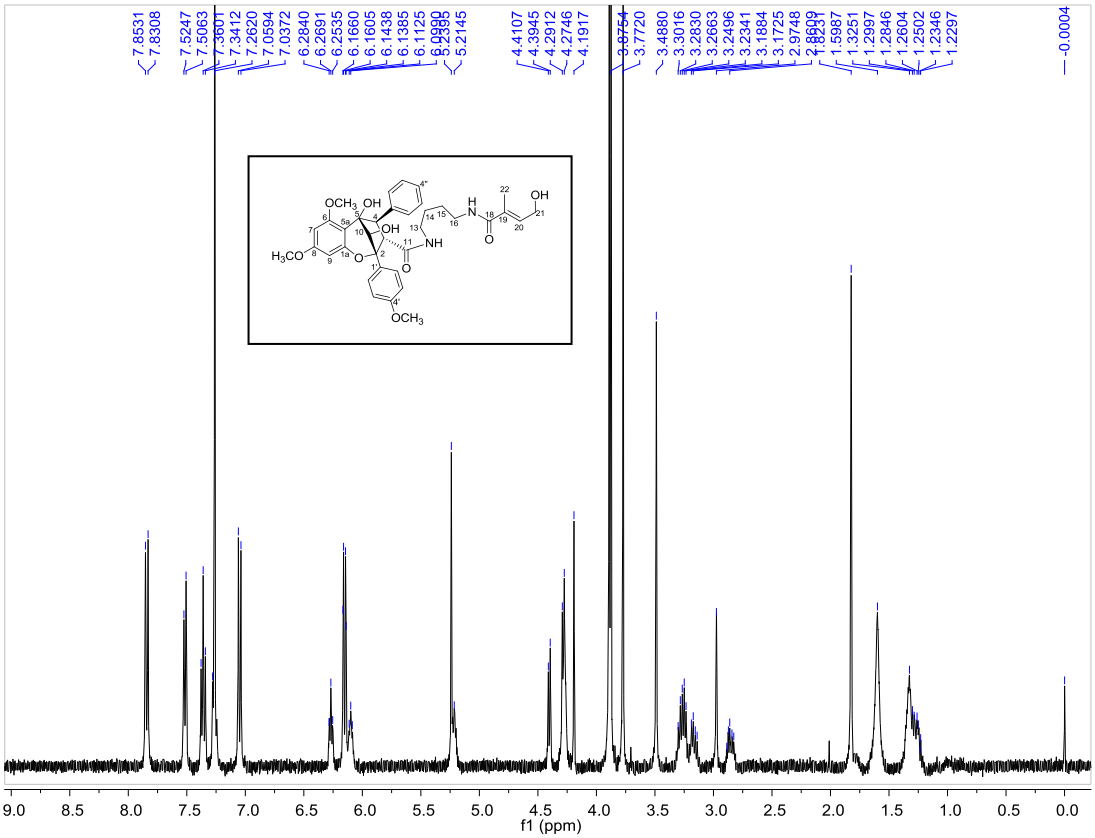

Figure S2-2. ^{13}C DEPT135 spectrum of compound **2** ($CDCl_3$, 100 MHz).

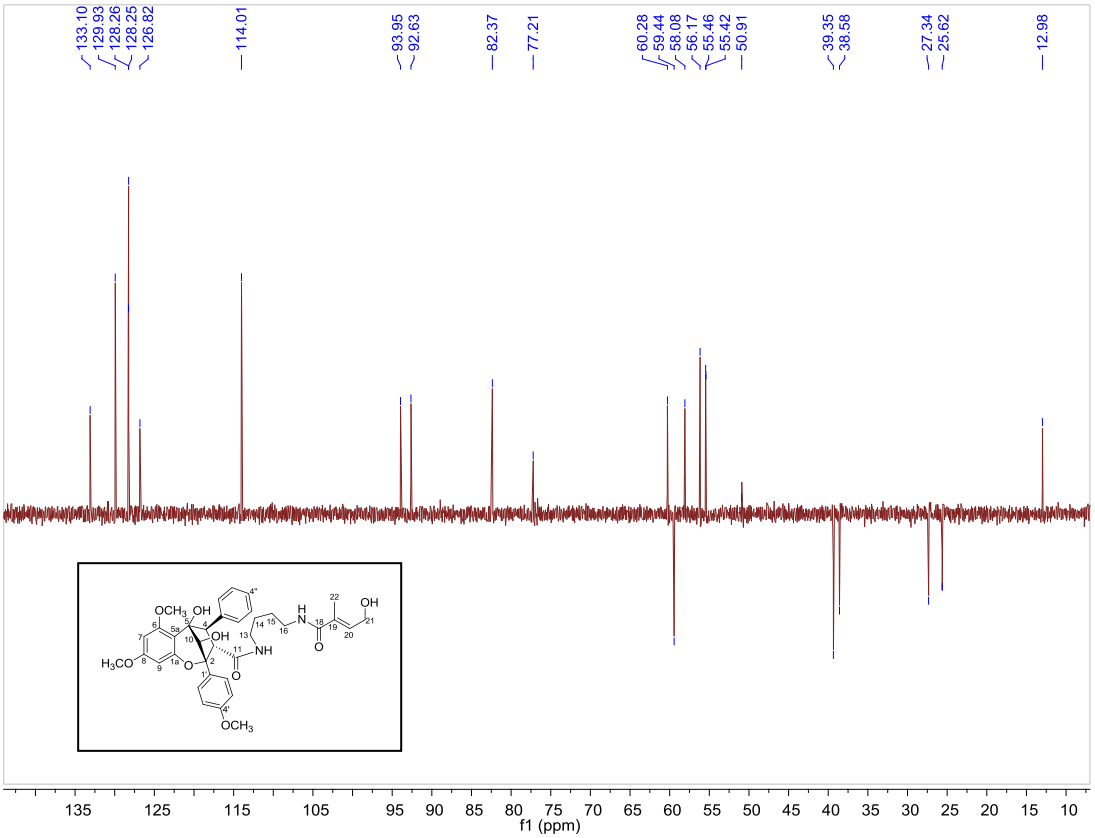

Figure S2-3. ^{13}C NMR spectrum of compound **2** ($CDCl_3$, 100 MHz).

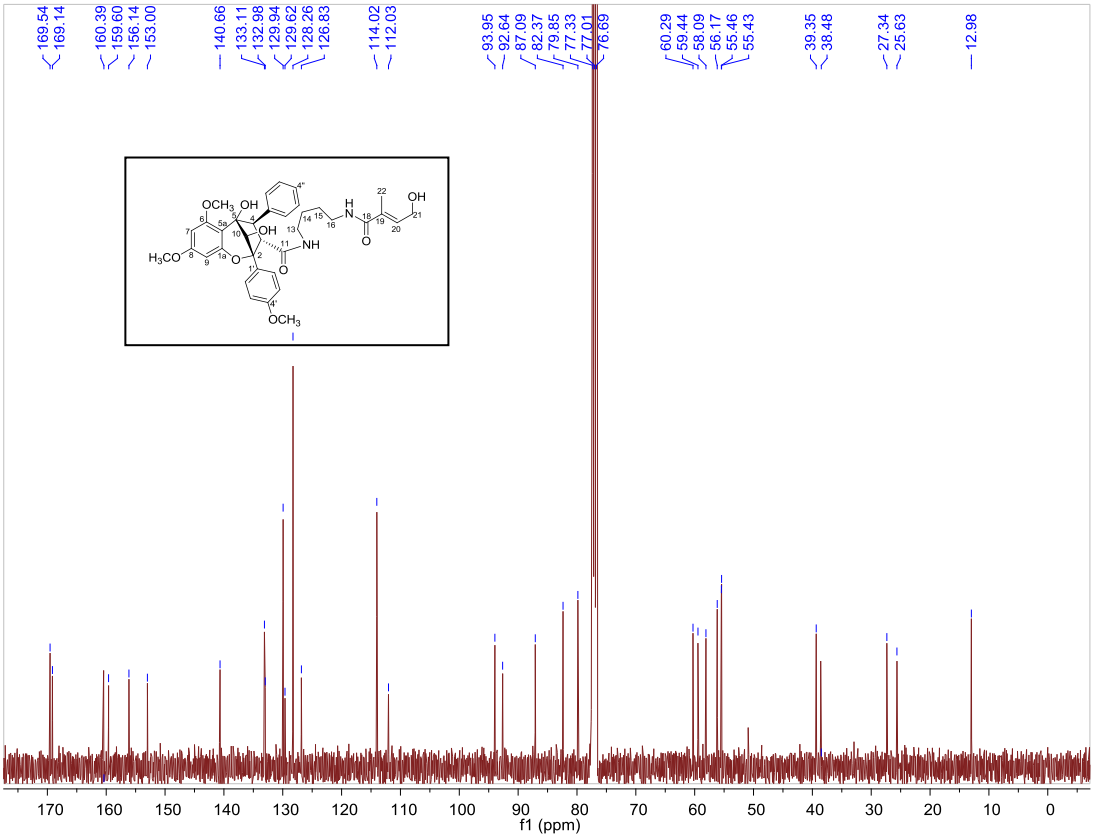

Figure S2-4. HSQC spectrum of compound **2** ($CDCl_3$, 400, 100 MHz).

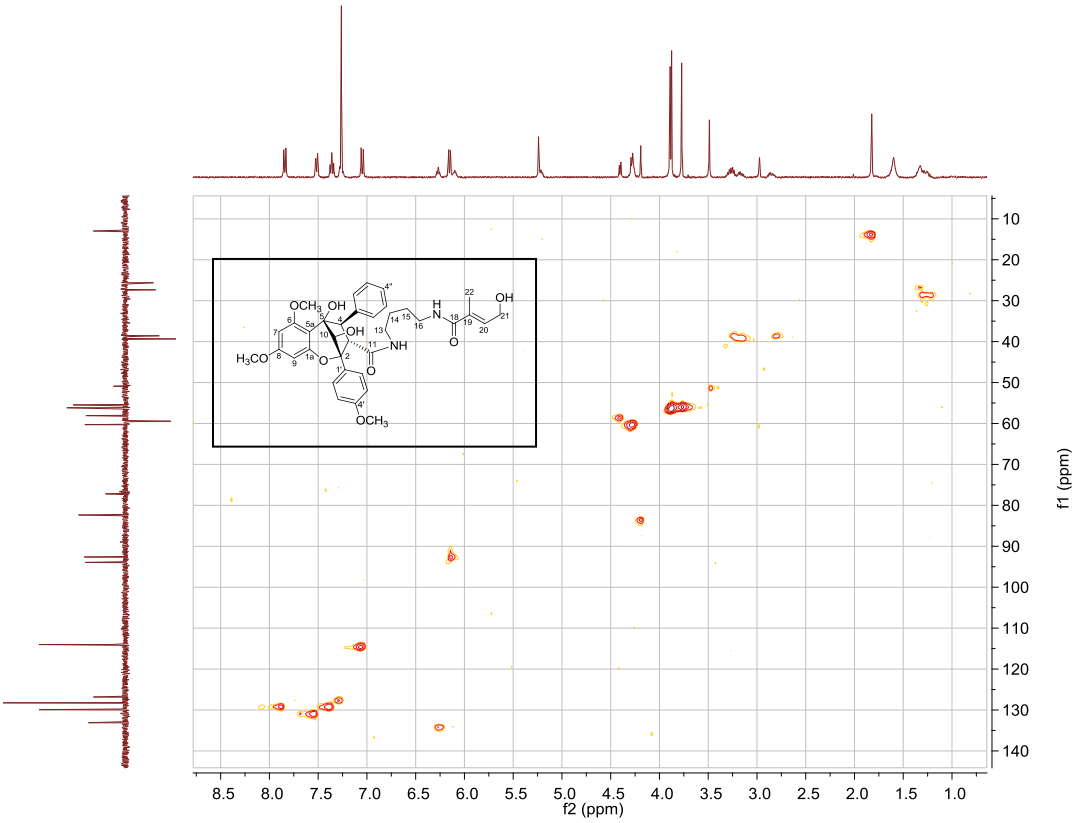

Figure S2-5. HMBC spectrum of compound **2** ($CDCl_3$, 400, 100 MHz).

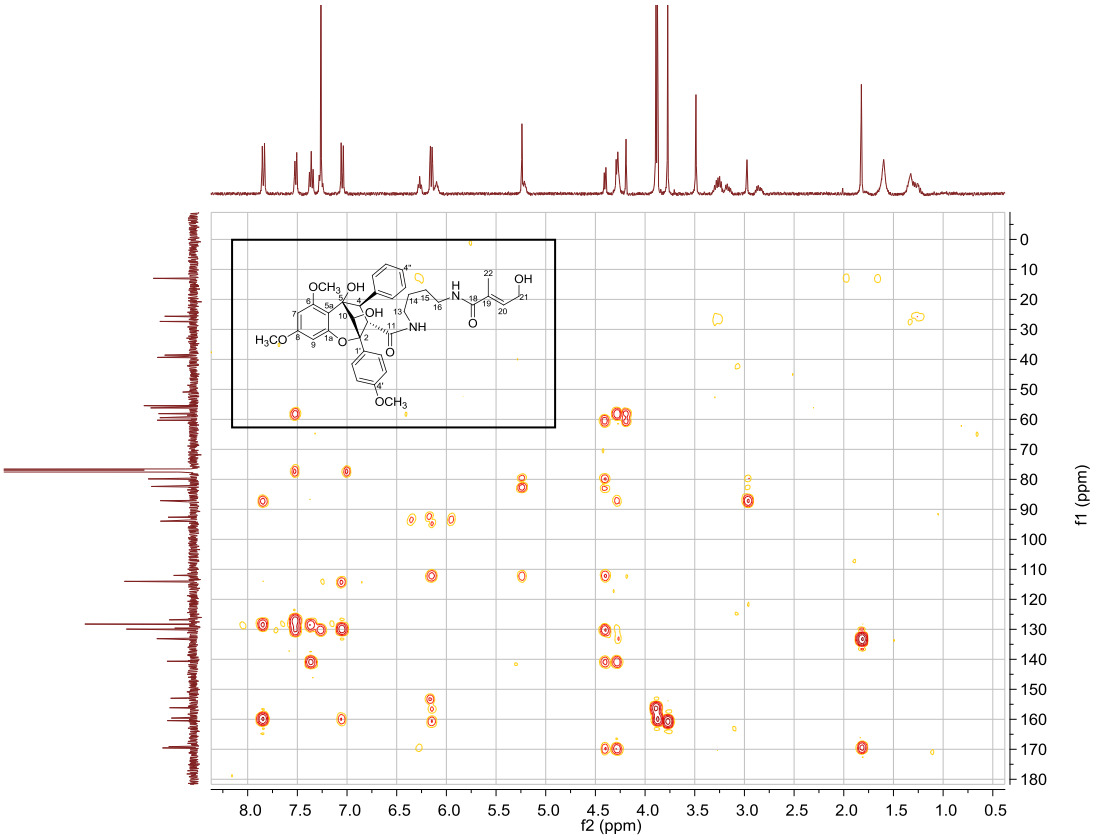

Figure S2-6. ^{1}H-^{1}H COSY spectrum of compound **2** ($CDCl_3$, 400 MHz).

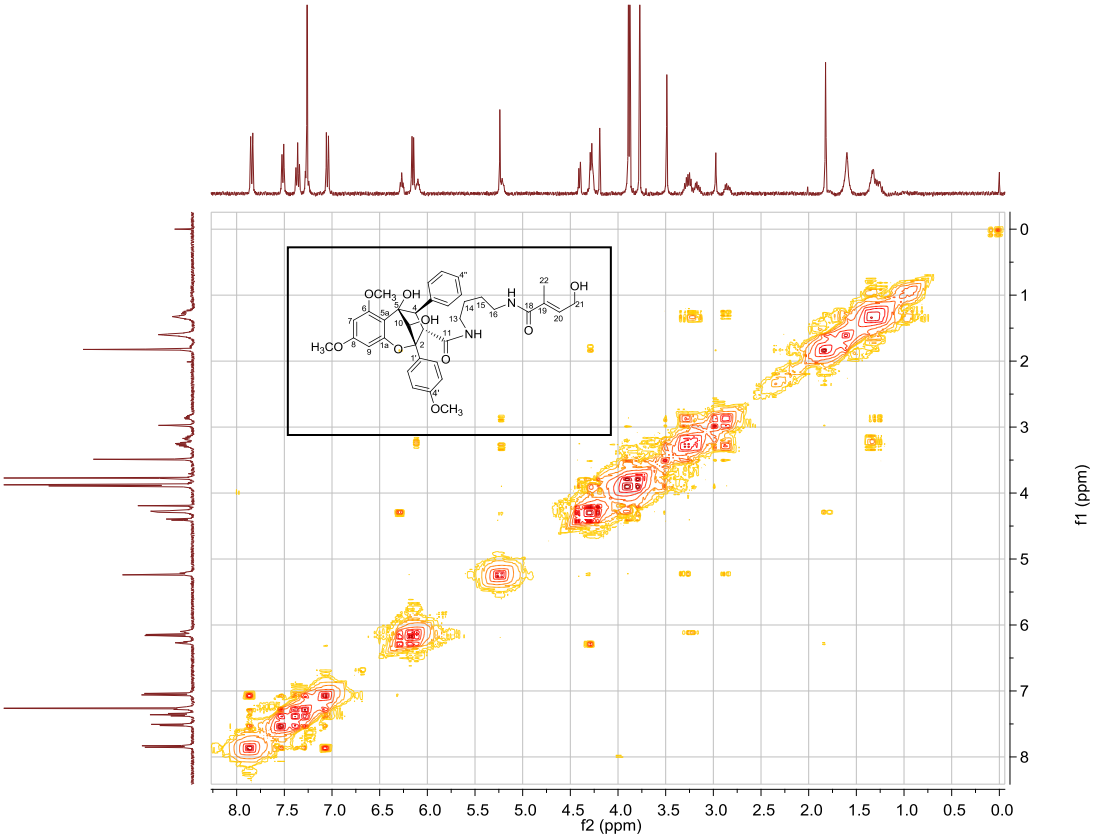

Figure S2-7. NOESY spectrum of compound **2** ($CDCl_3$, 400 MHz).

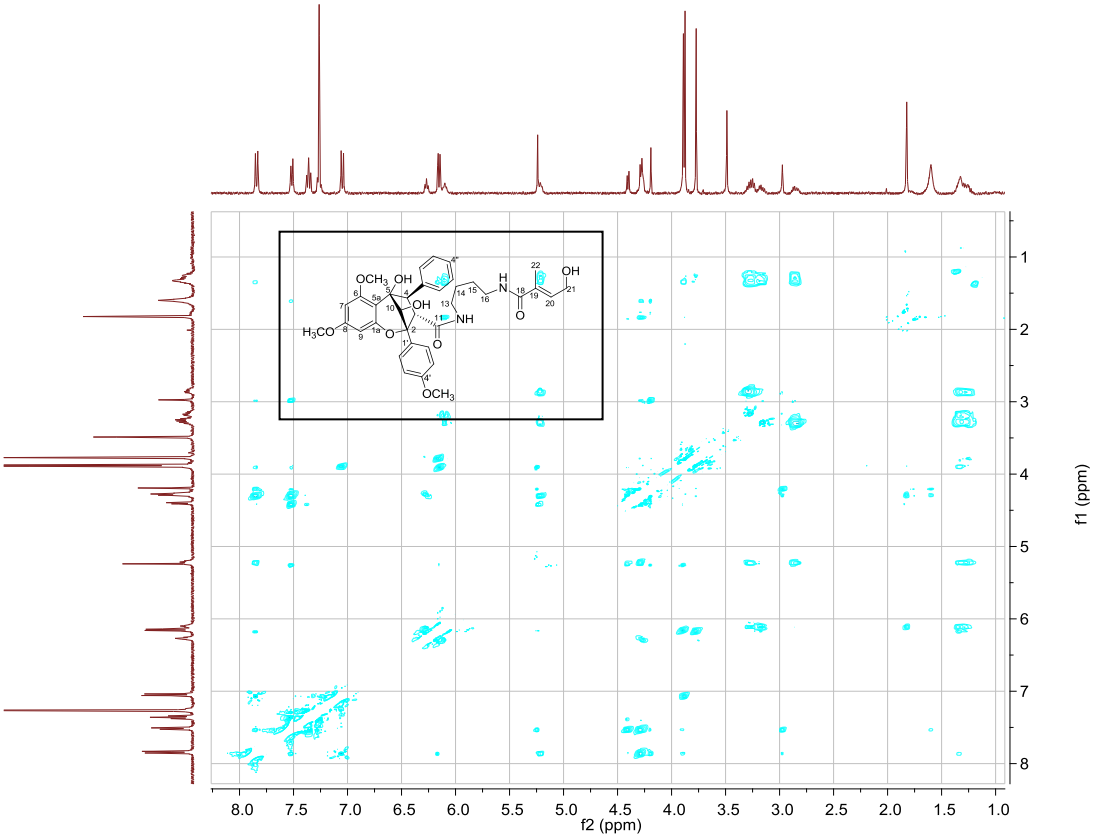

Figure S3-1. ^{1}H NMR spectrum of compound **3** ($CDCl_3$, 400 MHz).

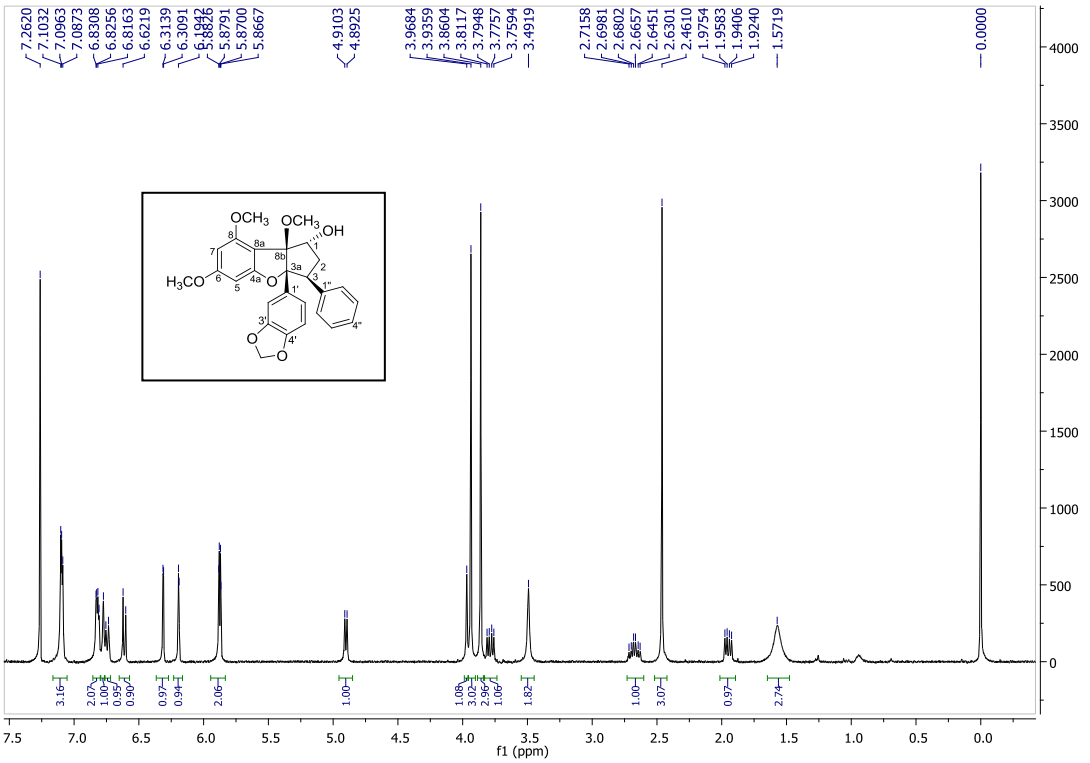

Figure S3-2. ^{13}C DEPT135 spectrum of compound **3** ($CDCl_3$, 100 MHz).

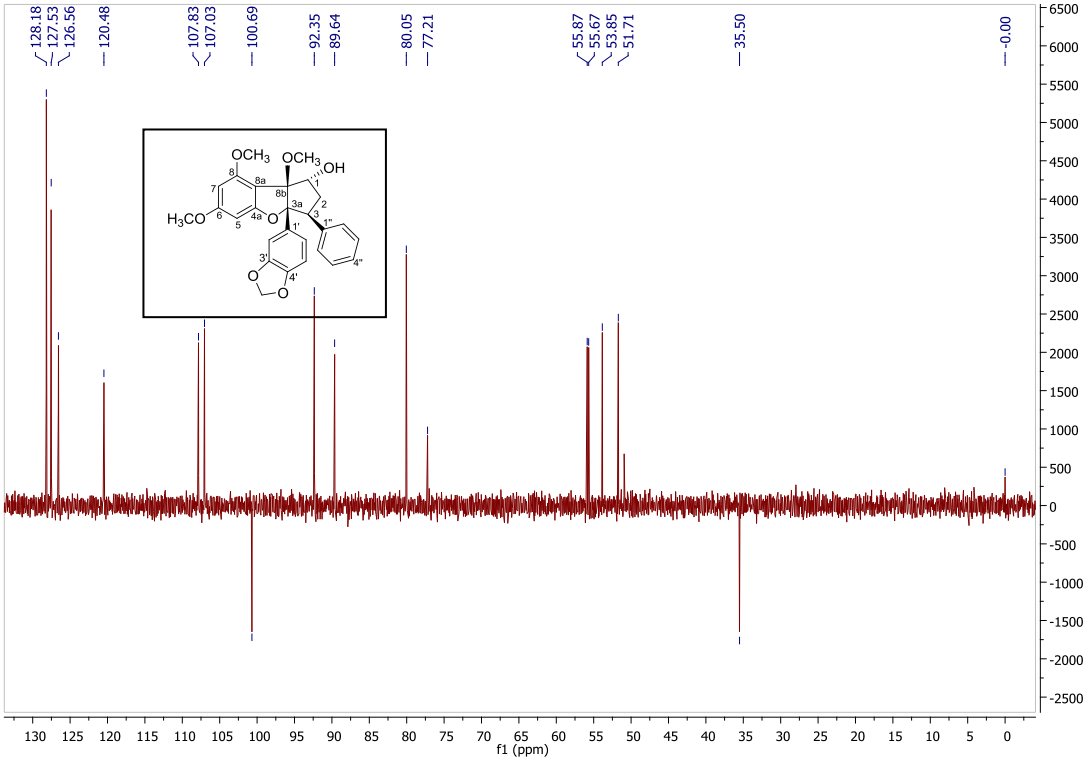

Figure S3-3. ^{13}C NMR spectrum of compound **3** ($CDCl_3$, 100 MHz).

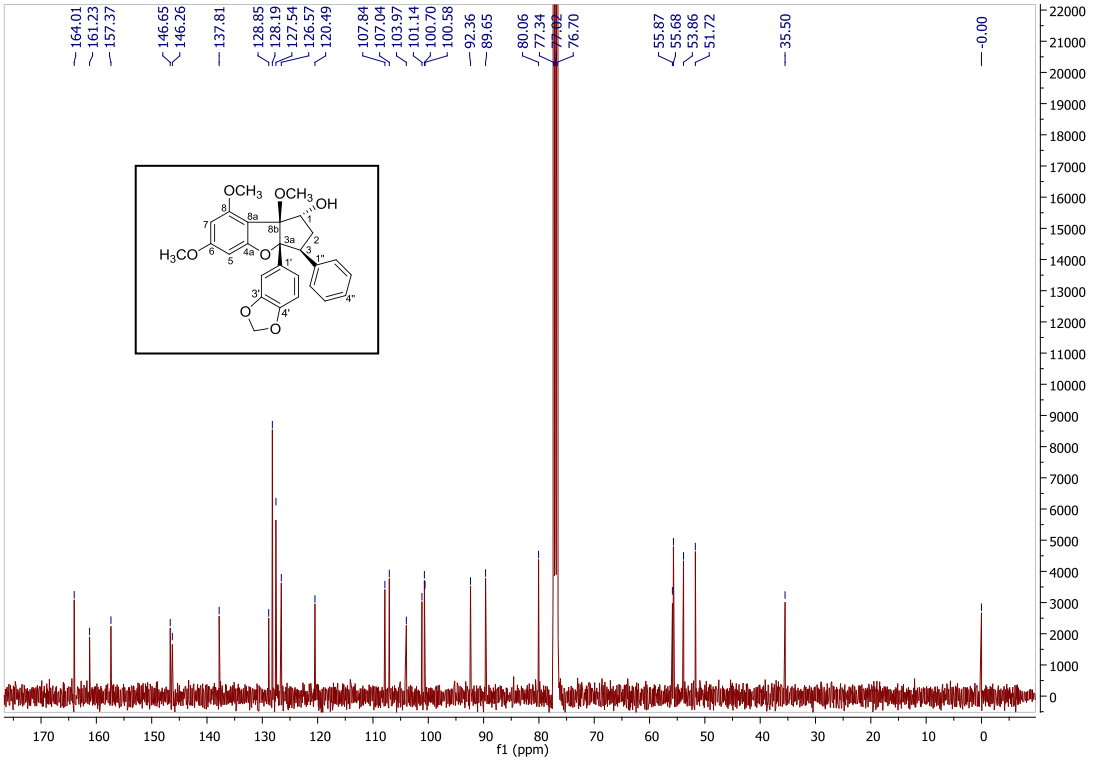

Figure S3-4. HSQC spectrum of compound **3** ($CDCl_3$, 400, 100 MHz).

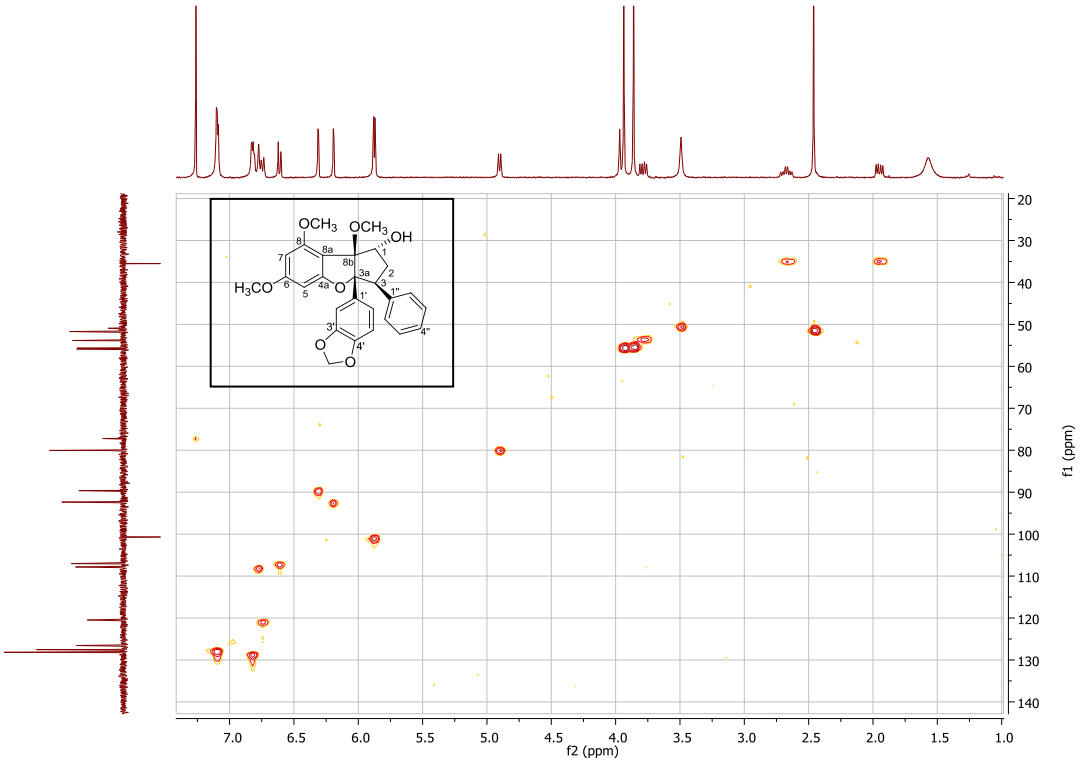

Figure S3-5. HMBC spectrum of compound **3** ($CDCl_3$, 400, 100 MHz).

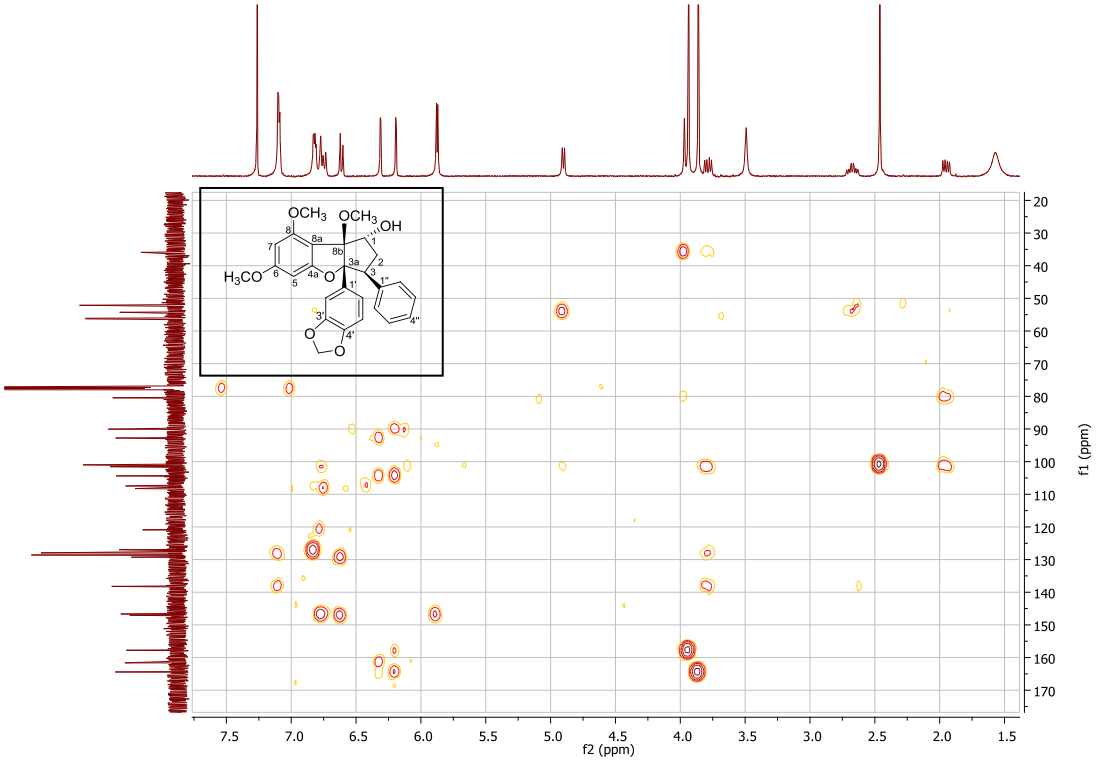

Figure S3-6. ^{1}H-^{1}H COSY spectrum of compound **3** ($CDCl_3$, 400 MHz).

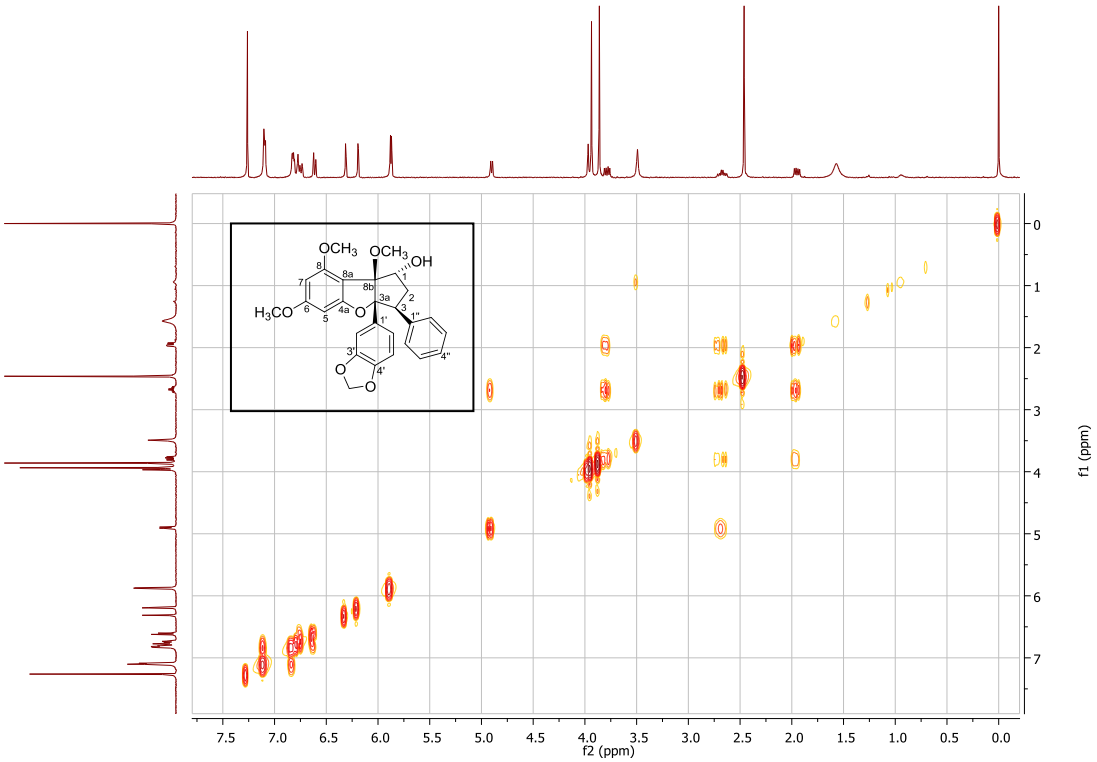

Figure S3-7. NOESY spectrum of compound **3** ($CDCl_3$, 400 MHz).

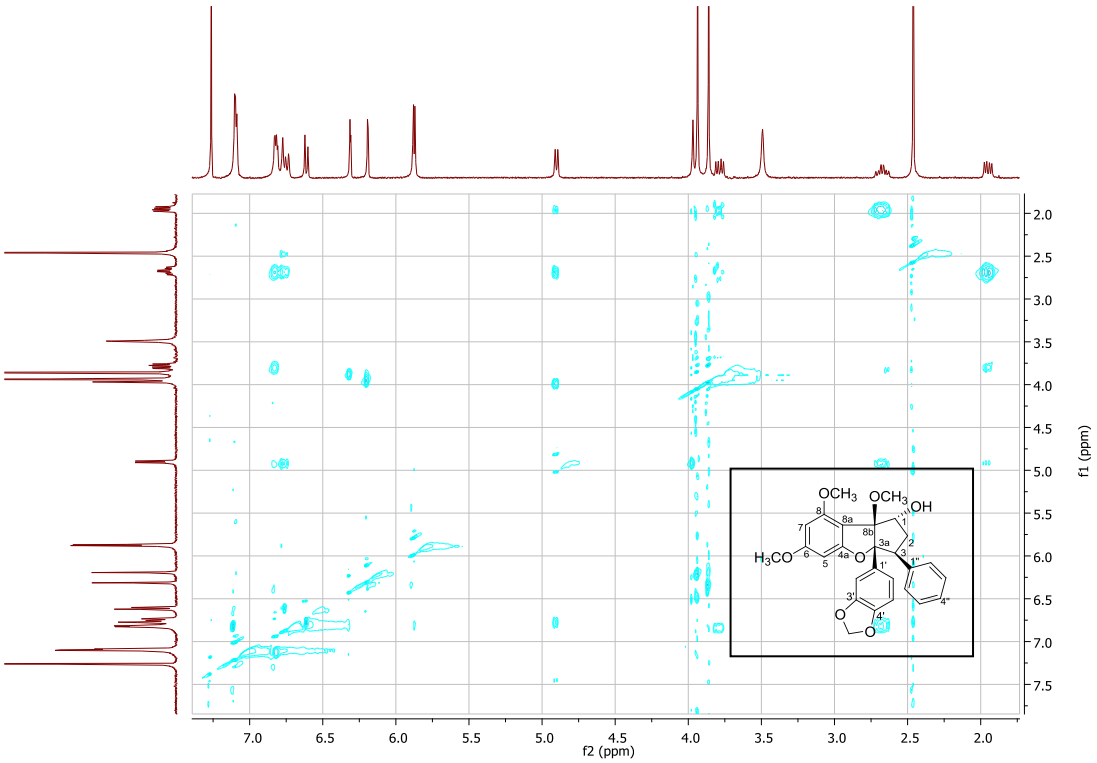

Figure S4-1. ^{1}H NMR spectrum of compound **4** ($CDCl_3$, 400 MHz).

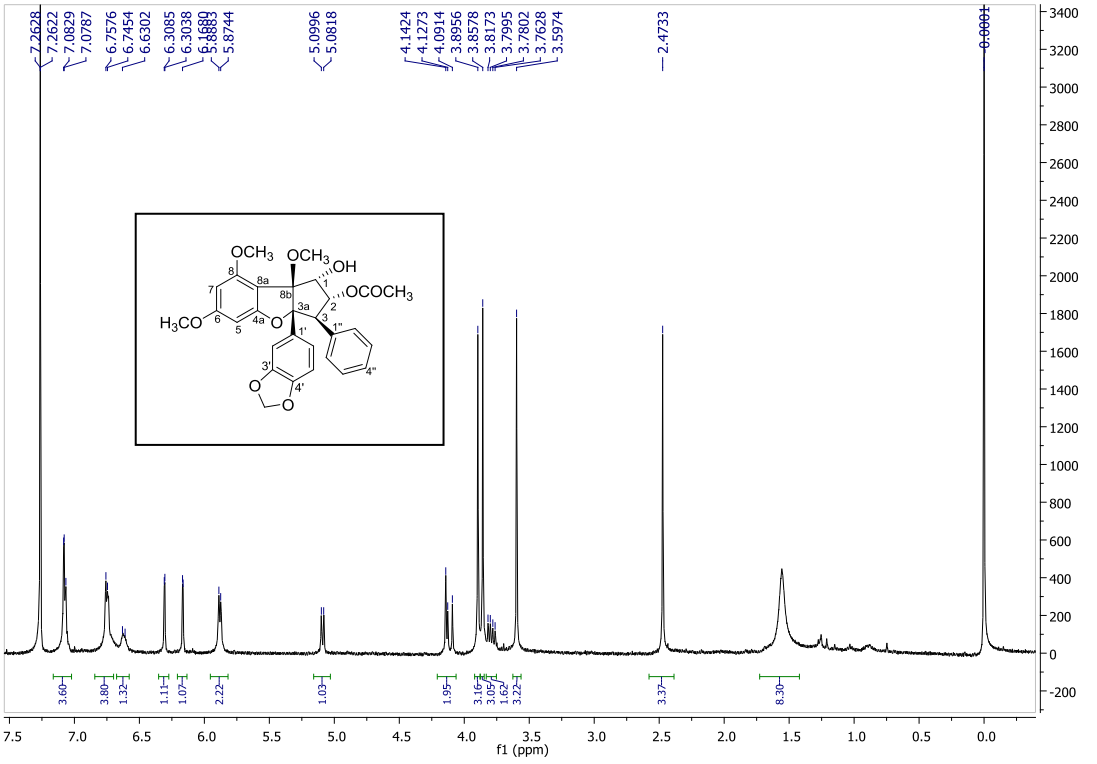

Figure S4-2. ^{13}C DEPT135 spectrum of compound **4** ($CDCl_3$, 100 MHz).

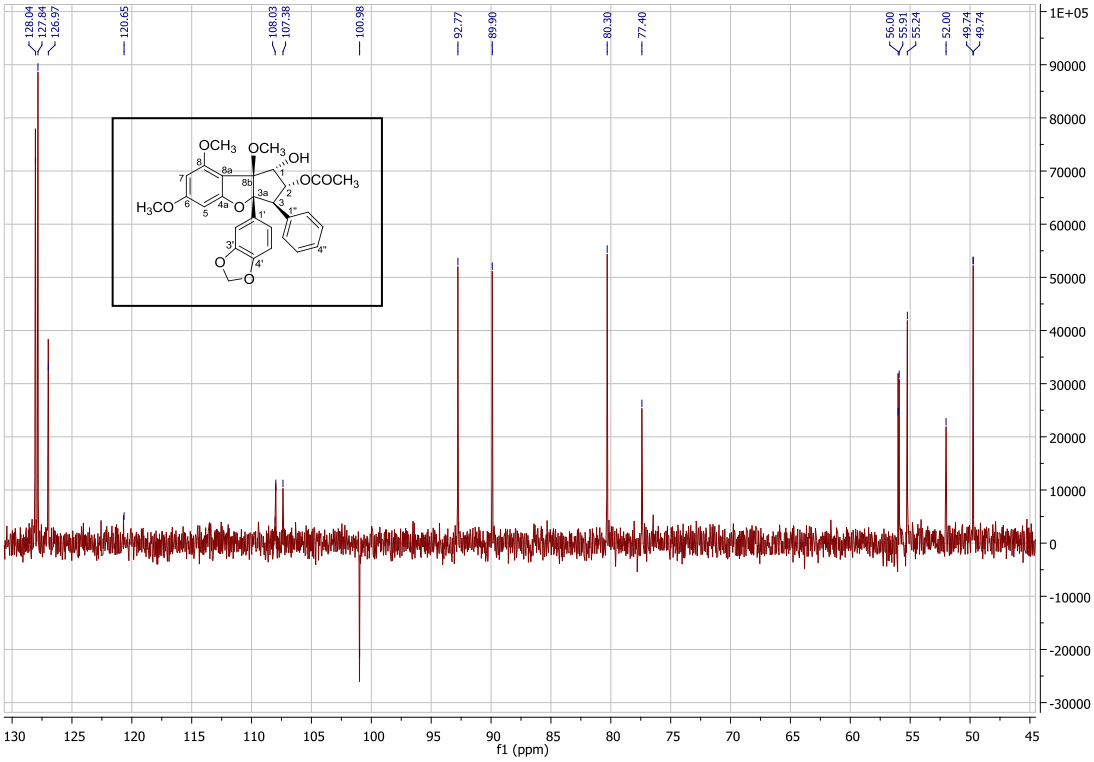

Figure S4-3. ^{13}C NMR spectrum of compound **4** ($CDCl_3$, 100 MHz).

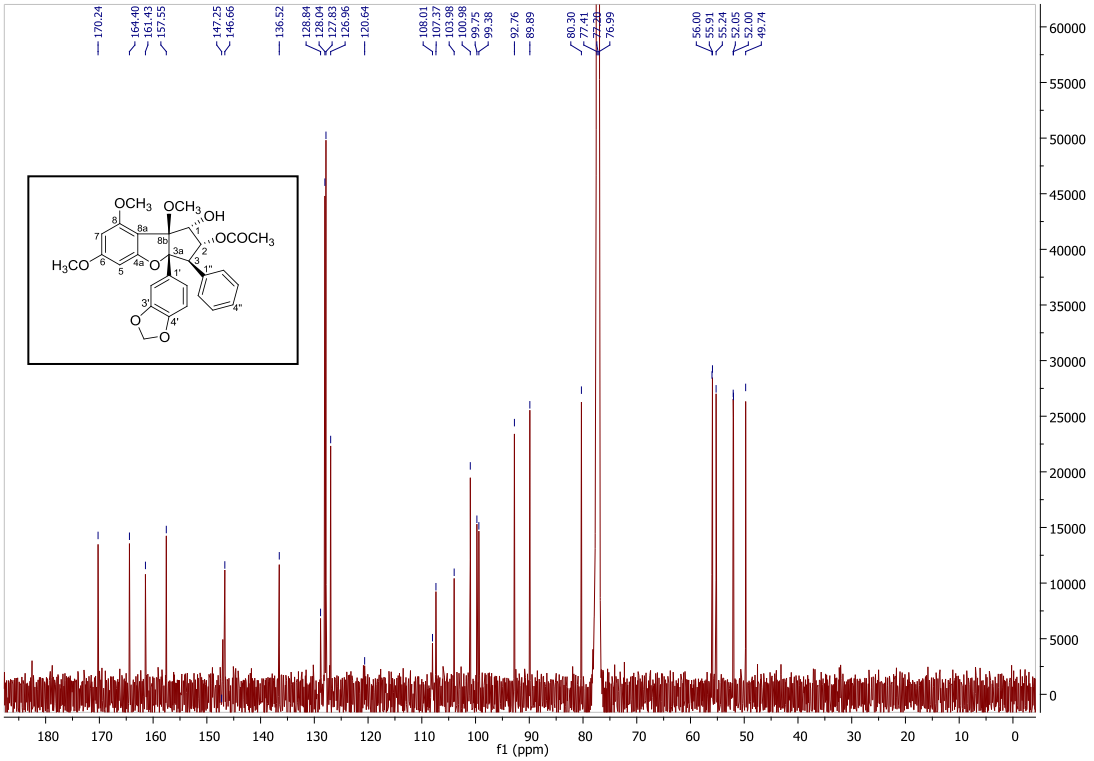

Figure S4-4. HSQC spectrum of compound **4** ($CDCl_3$, 400, 100 MHz).

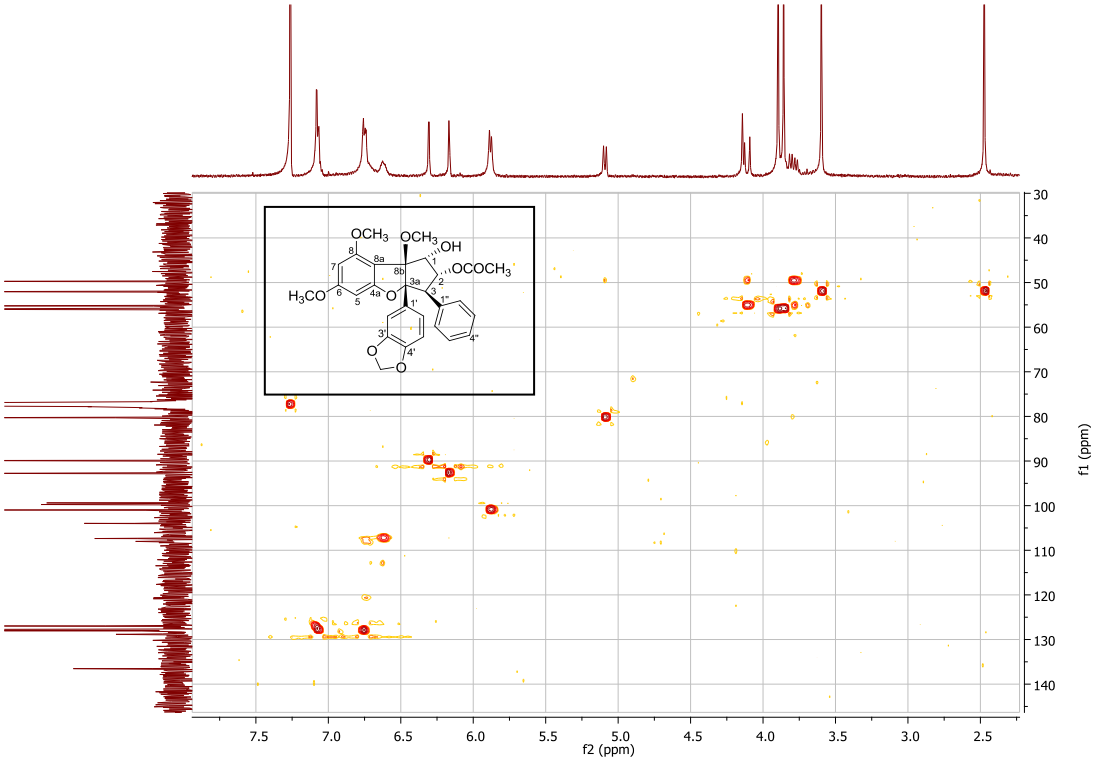

Figure S4-5. HMBC spectrum of compound **4** ($CDCl_3$, 400, 100 MHz).

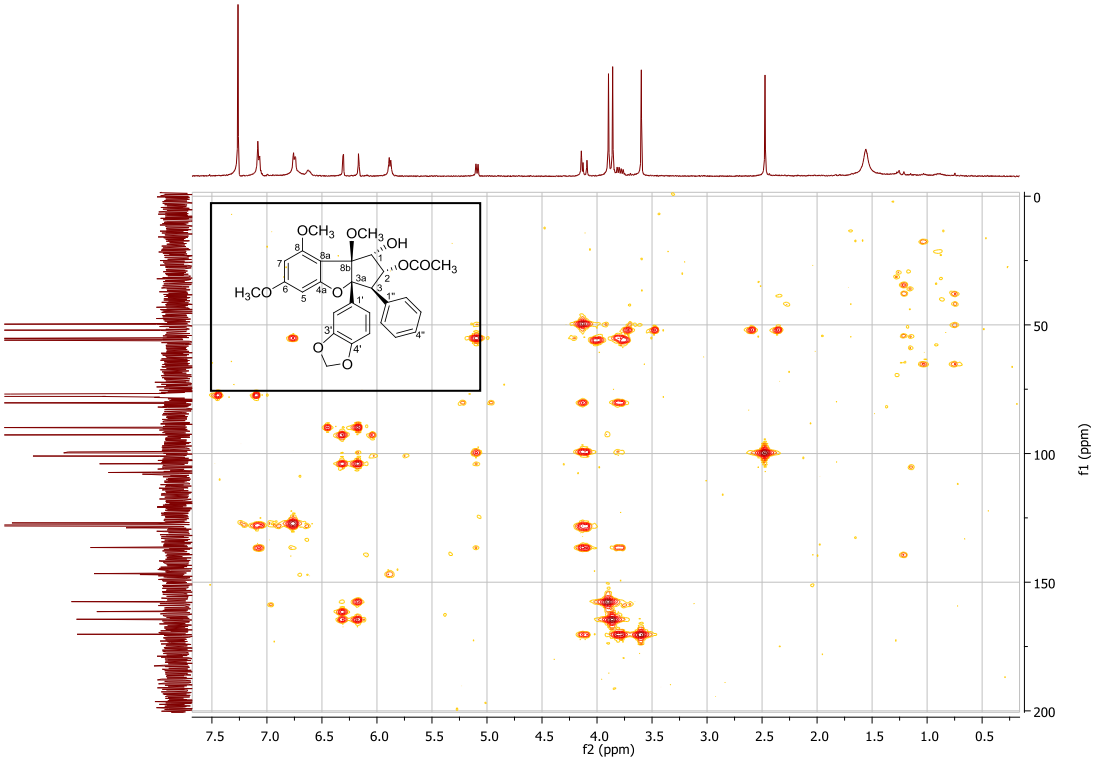

Figure S4-6. ^{1}H-^{1}H COSY spectrum of compound **4** ($CDCl_3$, 400 MHz).

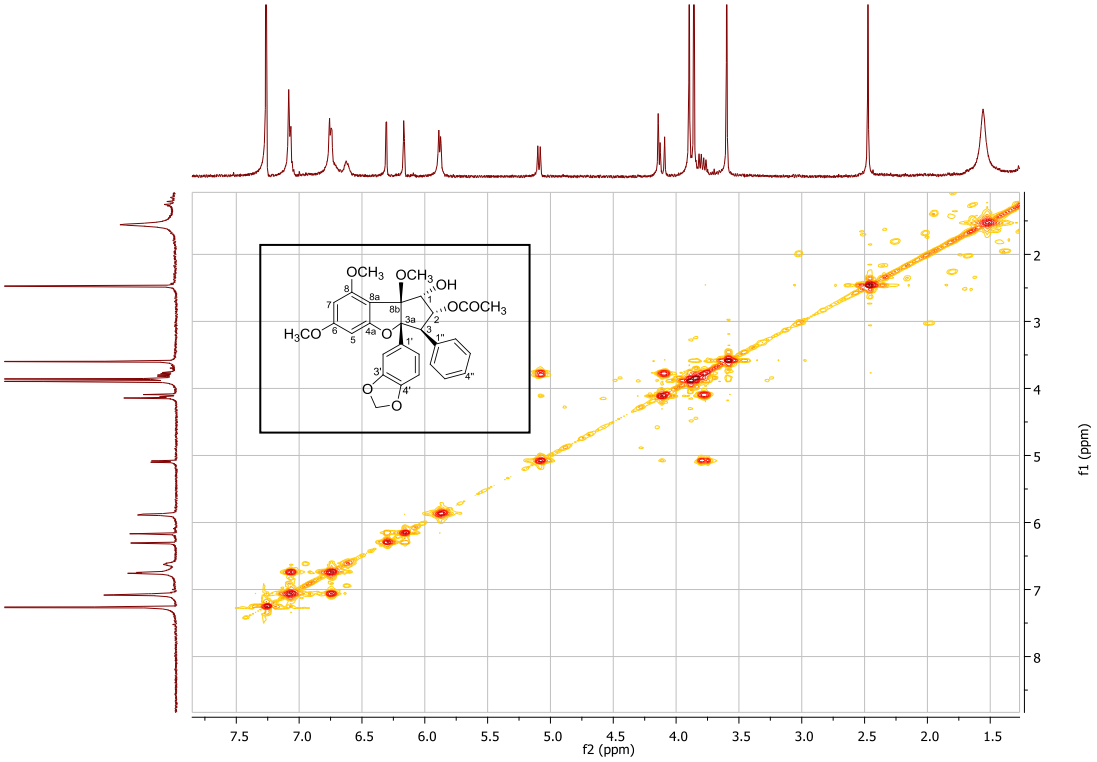

Figure S4-7. NOESY spectrum of compound **4** ($CDCl_3$, 400 MHz).

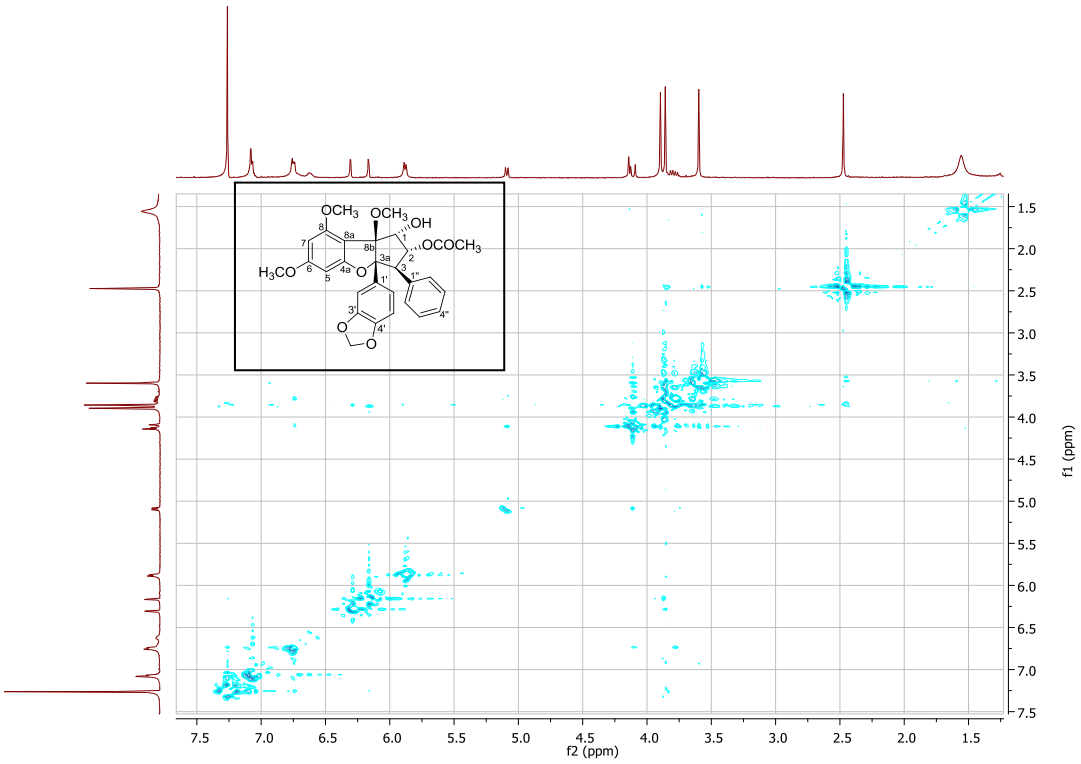

Figure S5-1. ^{1}H NMR spectrum of compound **5** ($CDCl_3$, 400 MHz).

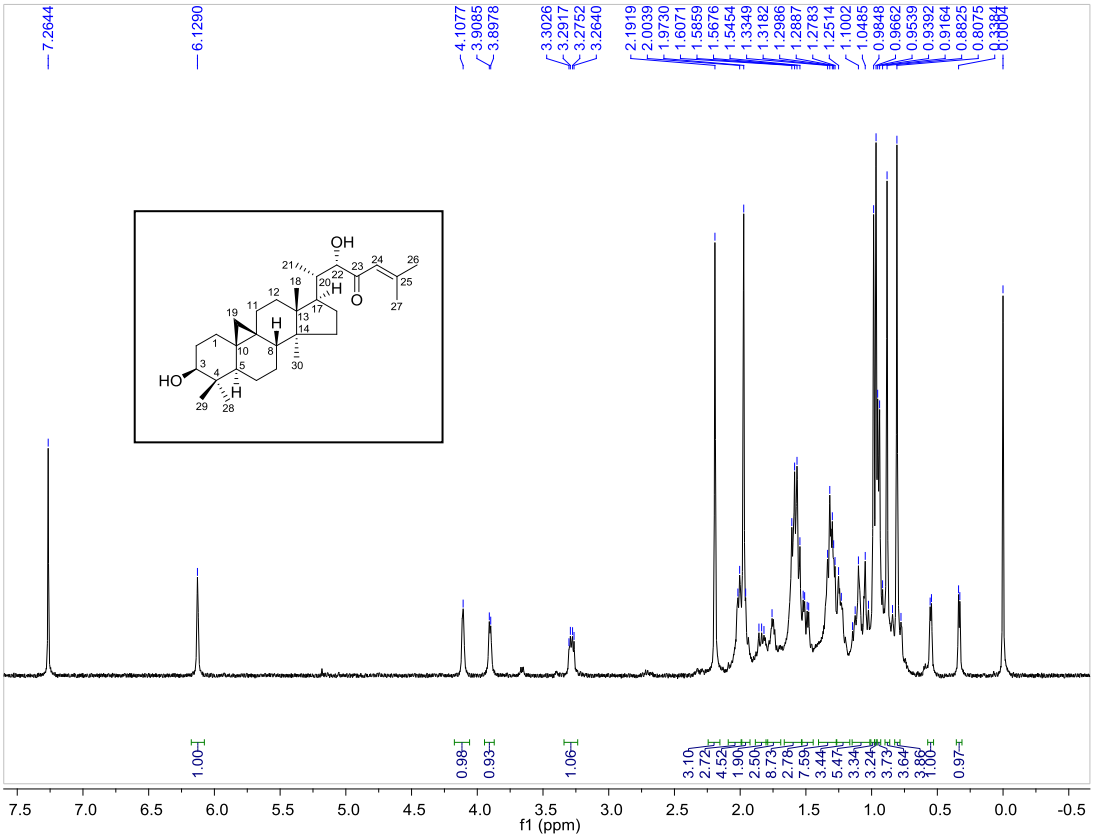

Figure S5-2. ^{13}C DEPT135 spectrum of compound **5** ($CDCl_3$, 100 MHz).

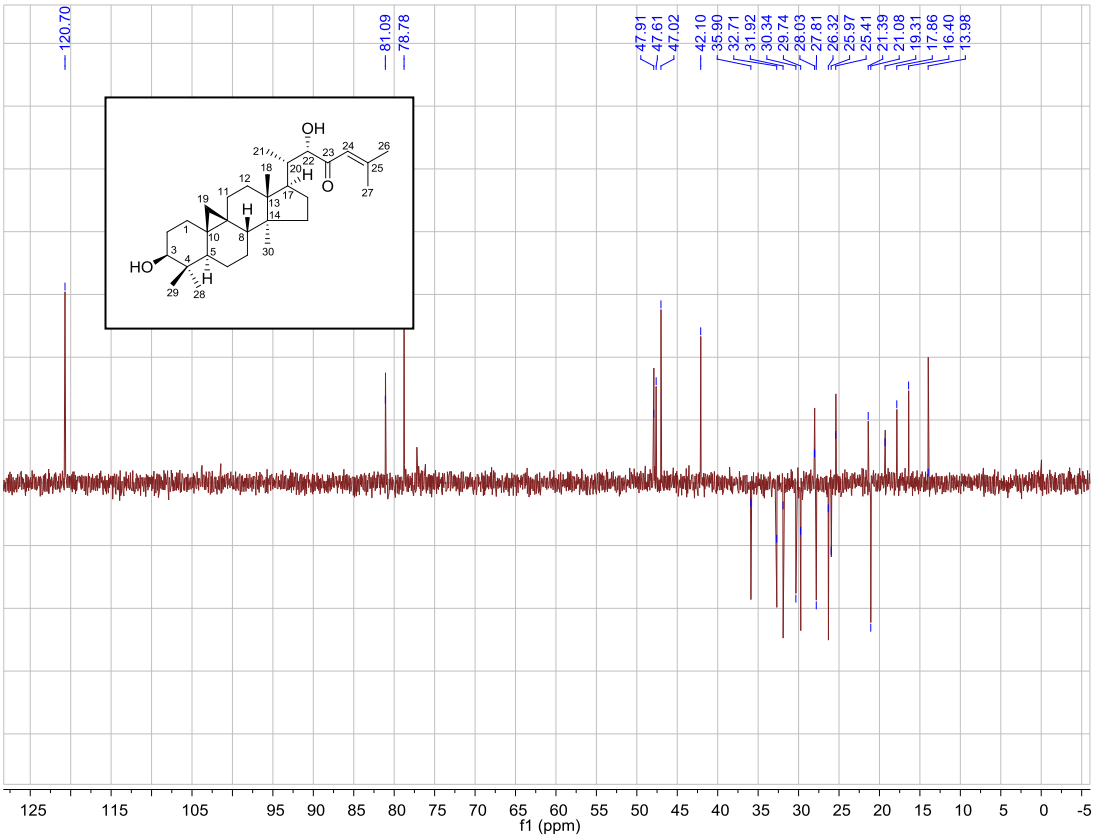

Figure S5-3. ^{13}C NMR spectrum of compound **5** ($CDCl_3$, 100 MHz).

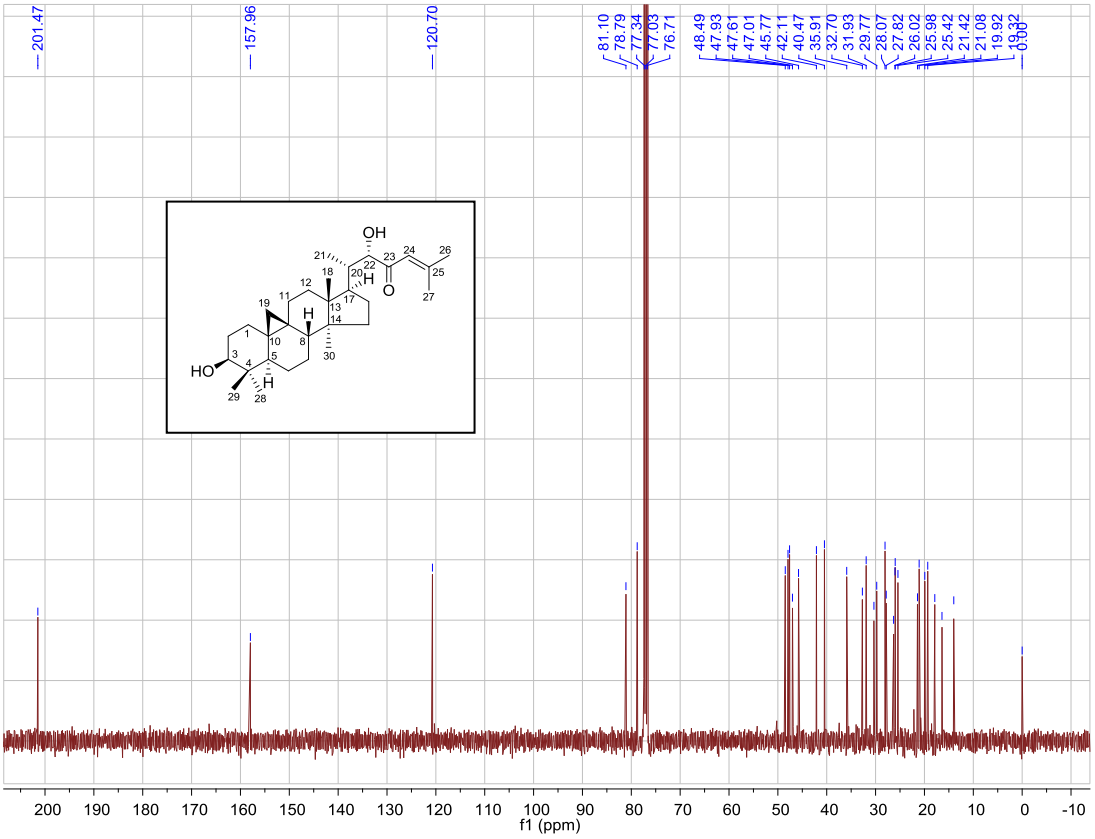

Figure S5-4. HSQC spectrum of compound **5** ($CDCl_3$, 400, 100 MHz).

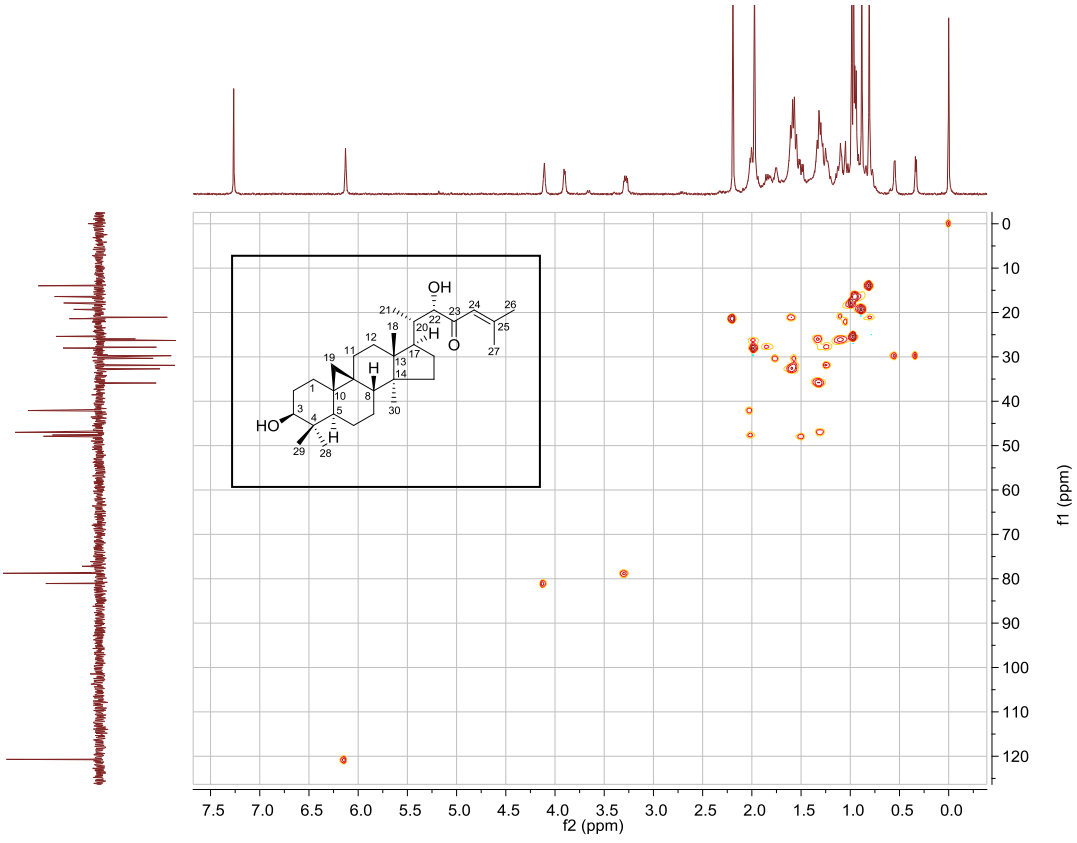

Figure S5-5. HMBC spectrum of compound **5** ($CDCl_3$, 400, 100 MHz).

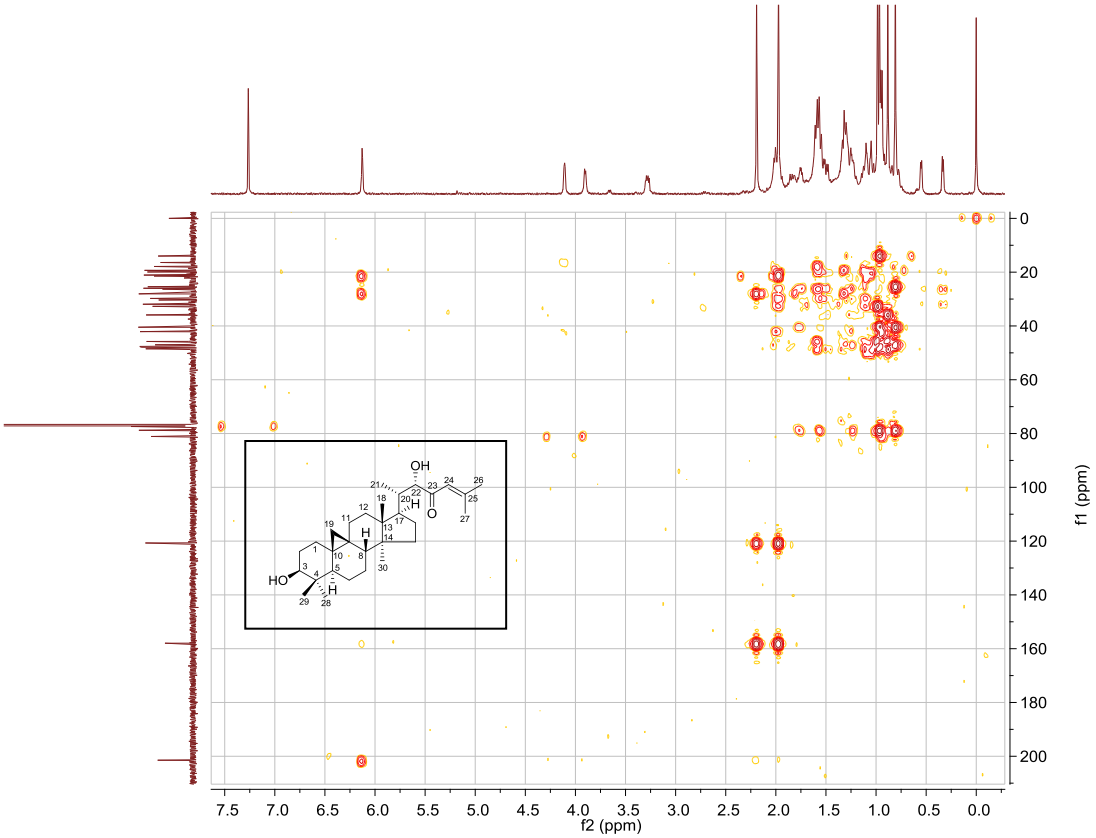

Figure S5-6. NOESY spectrum of compound **5** ($CDCl_3$, 400 MHz).

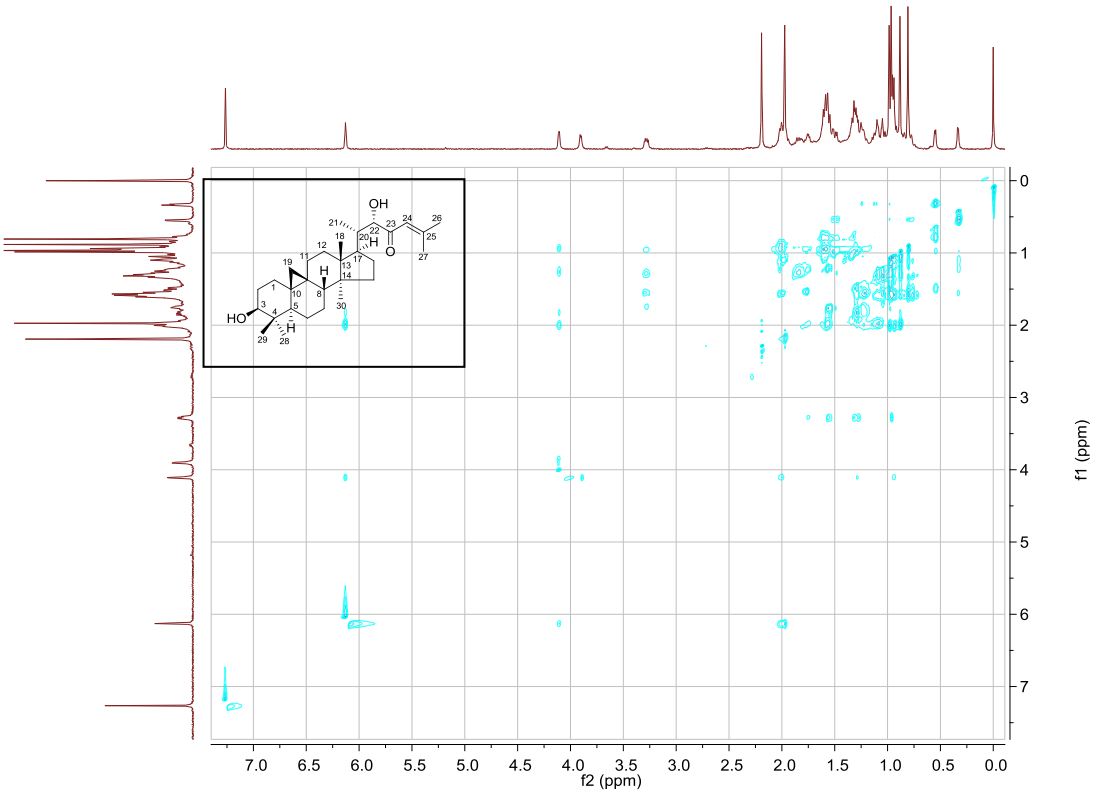

Figure S5-7. ^{1}H NMR spectrum of (*R*)-MTPA ester of compound **5** (pyridine-*d*$_5$, 400 MHz).

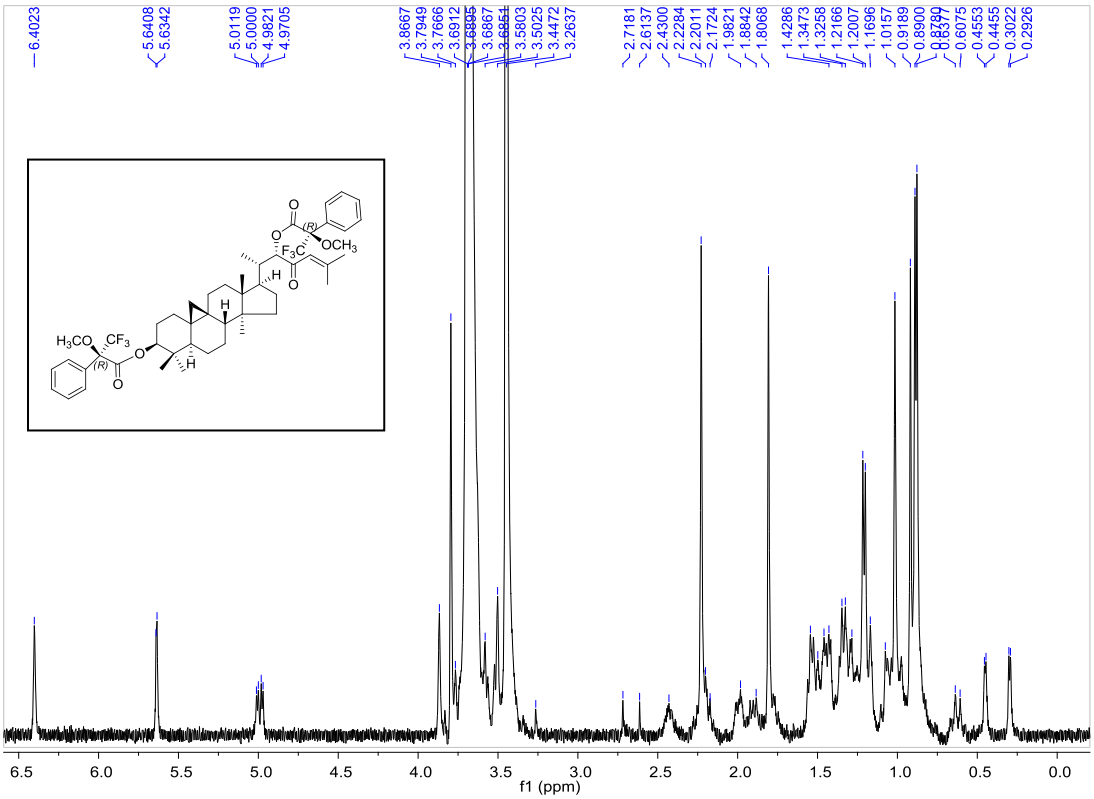

Figure S5-8. ^{1}H NMR spectrum of (*S*)-MTPA ester of compound **5** (pyridine-*d*$_5$, 400 MHz).

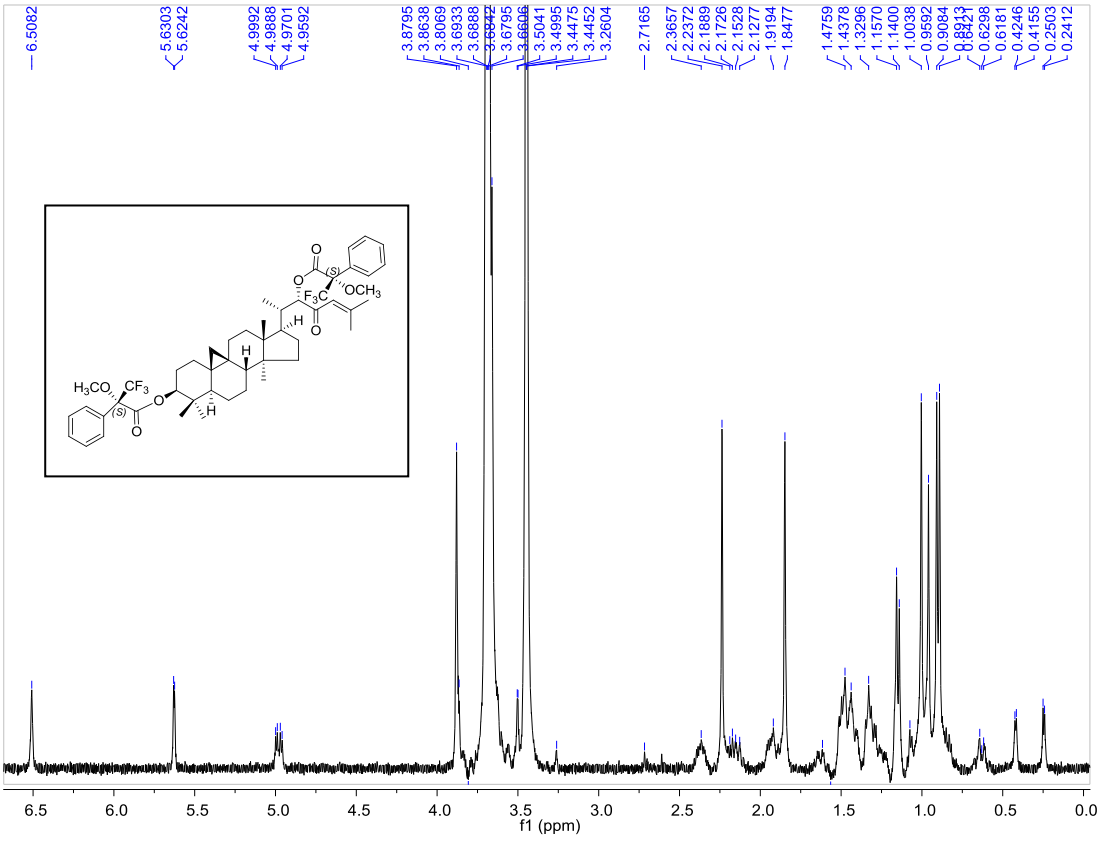

Figure S6-1. ^{1}H NMR spectrum of compound **6** ($CDCl_3$, 400 MHz).

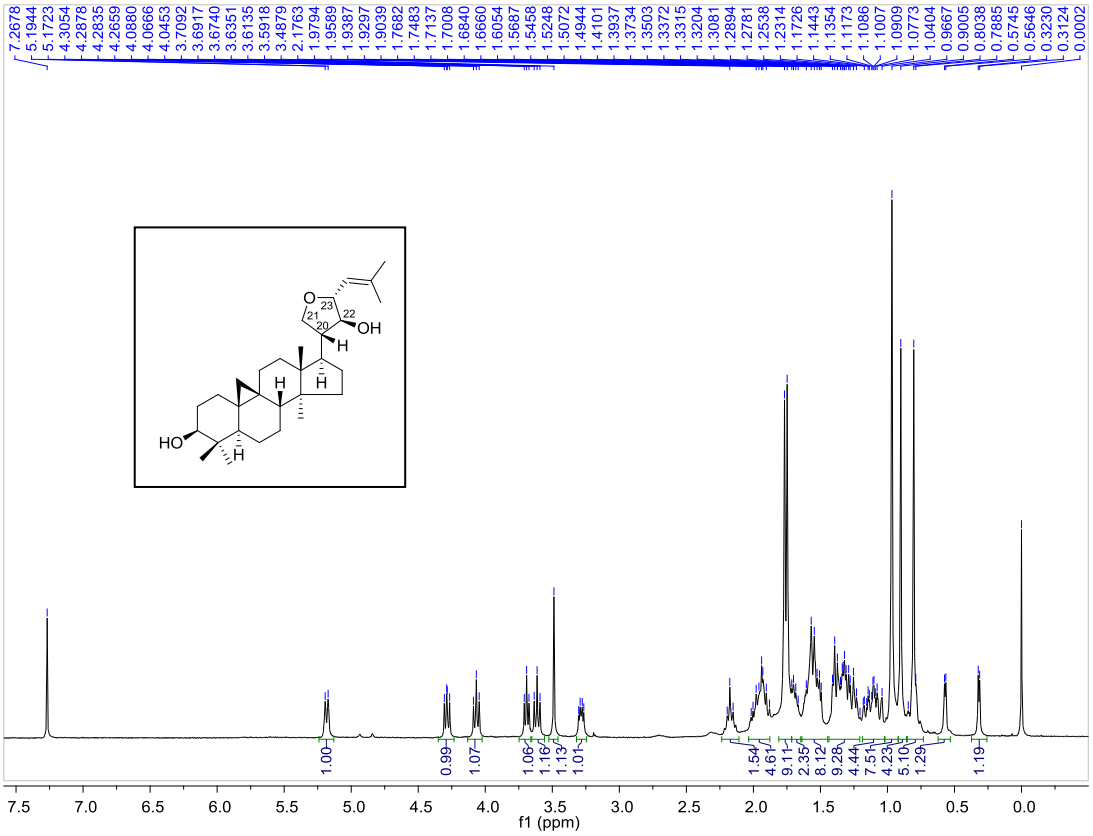

Figure S6-2. ^{13}C DEPT135 spectrum of compound **6** ($CDCl_3$, 100 MHz).

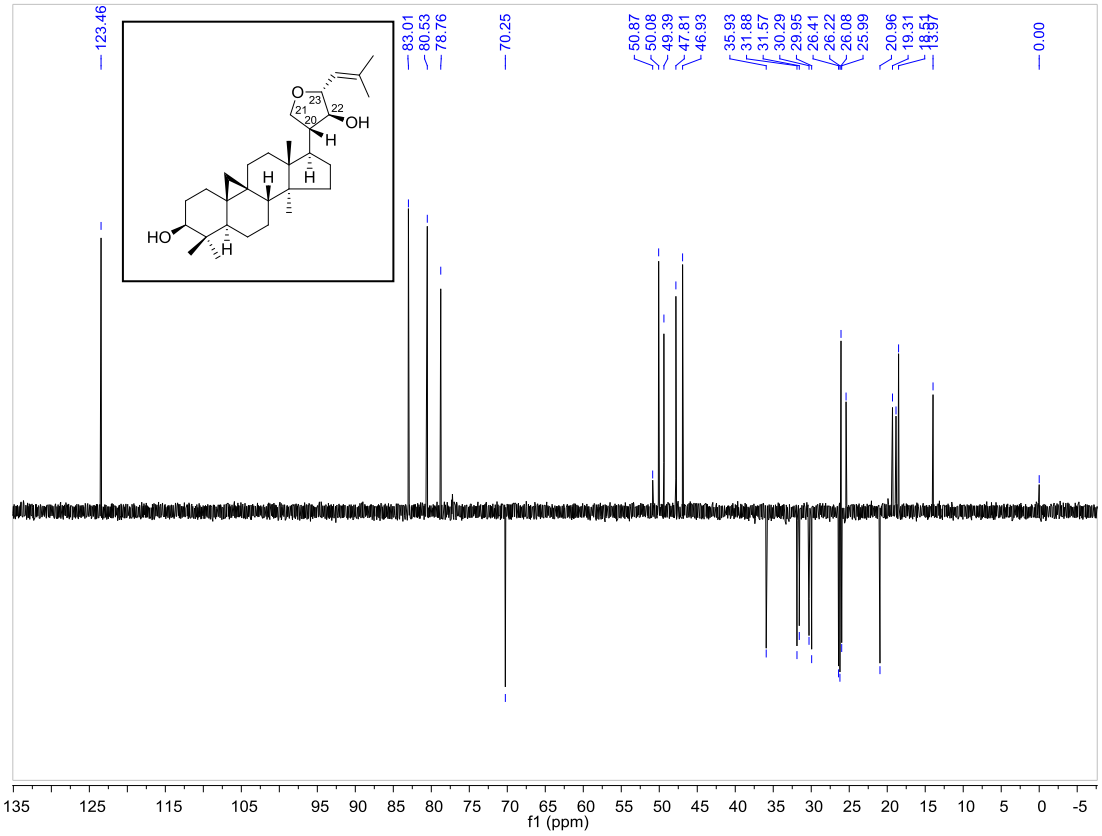

Figure S6-3. ^{13}C NMR spectrum of compound **6** ($CDCl_3$, 100 MHz).

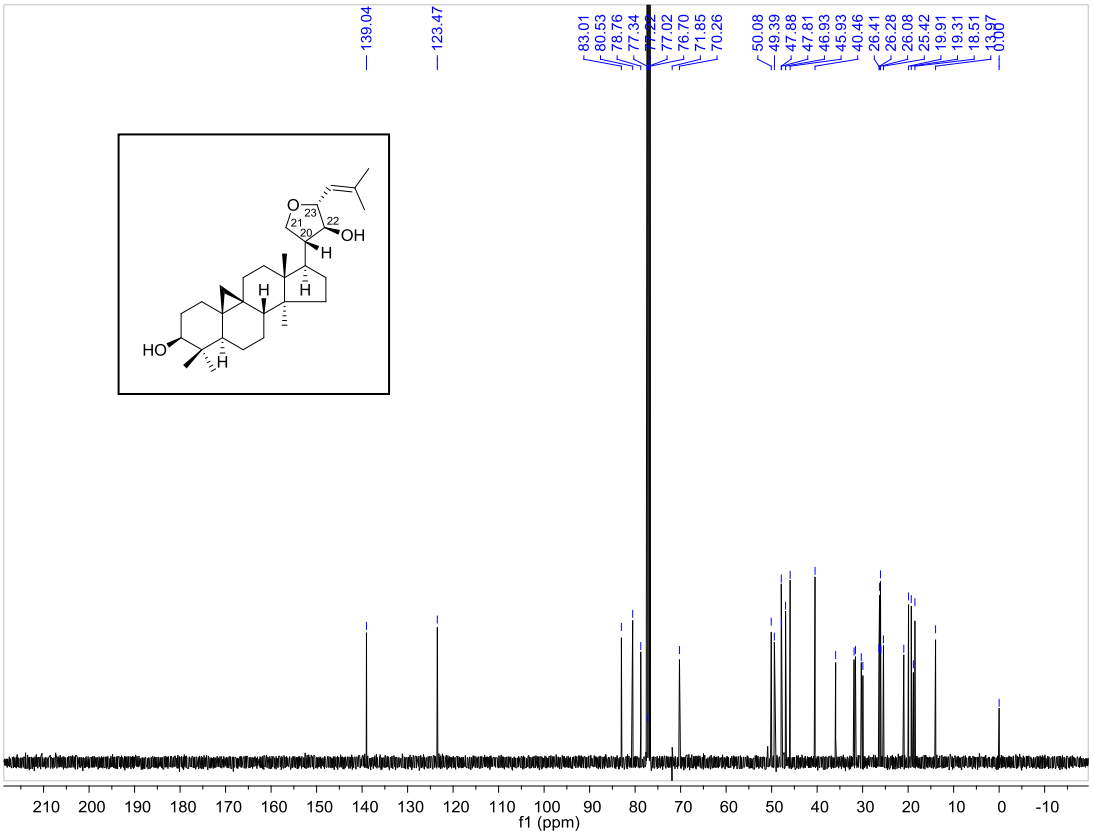

Figure S6-4. HSQC spectrum of compound **6** ($CDCl_3$, 400, 100 MHz).

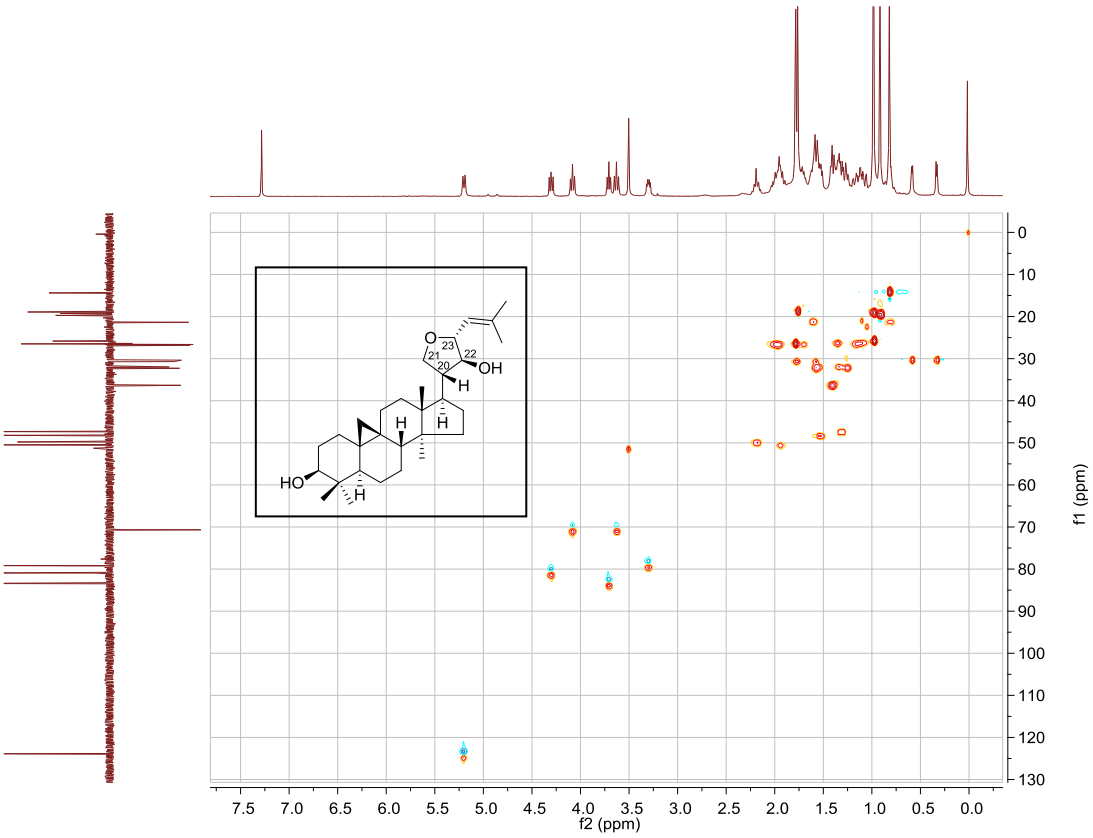

Figure S6-5. HMBC spectrum of compound **6** ($CDCl_3$, 400, 100 MHz).

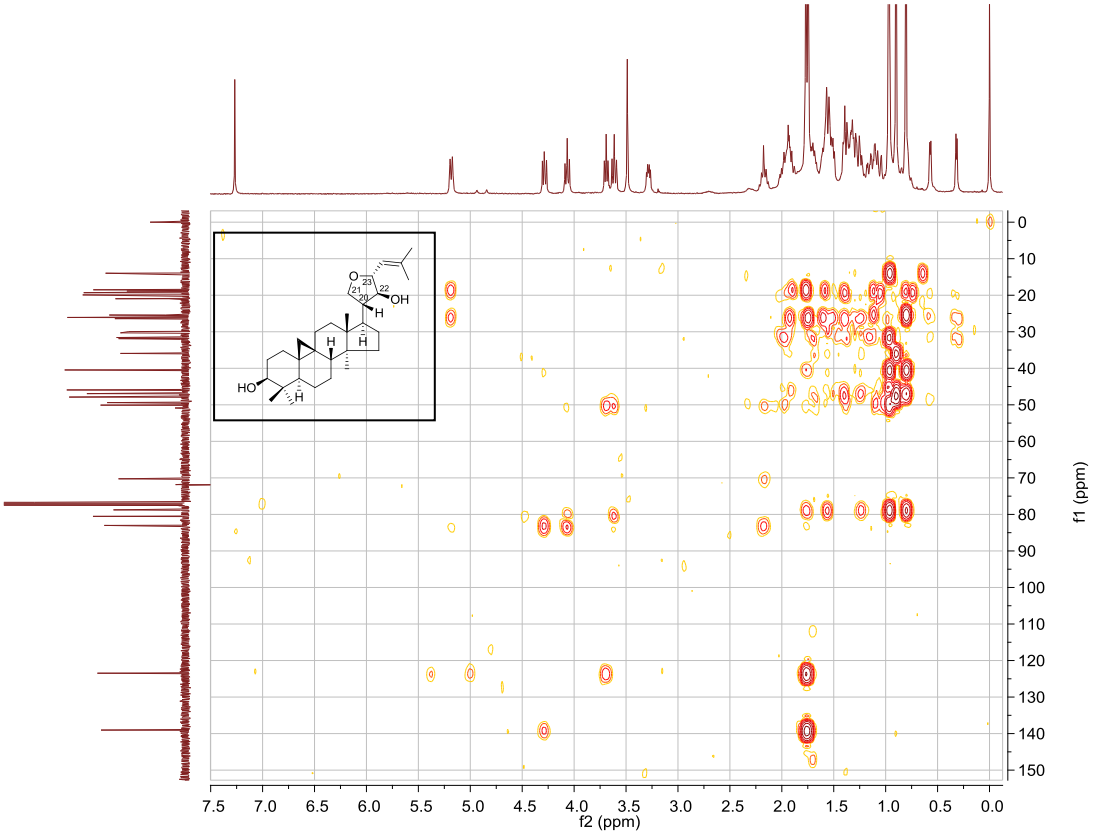

Figure S6-6. ^{1}H-^{1}H COSY spectrum of compound **6** ($CDCl_3$, 400 MHz).

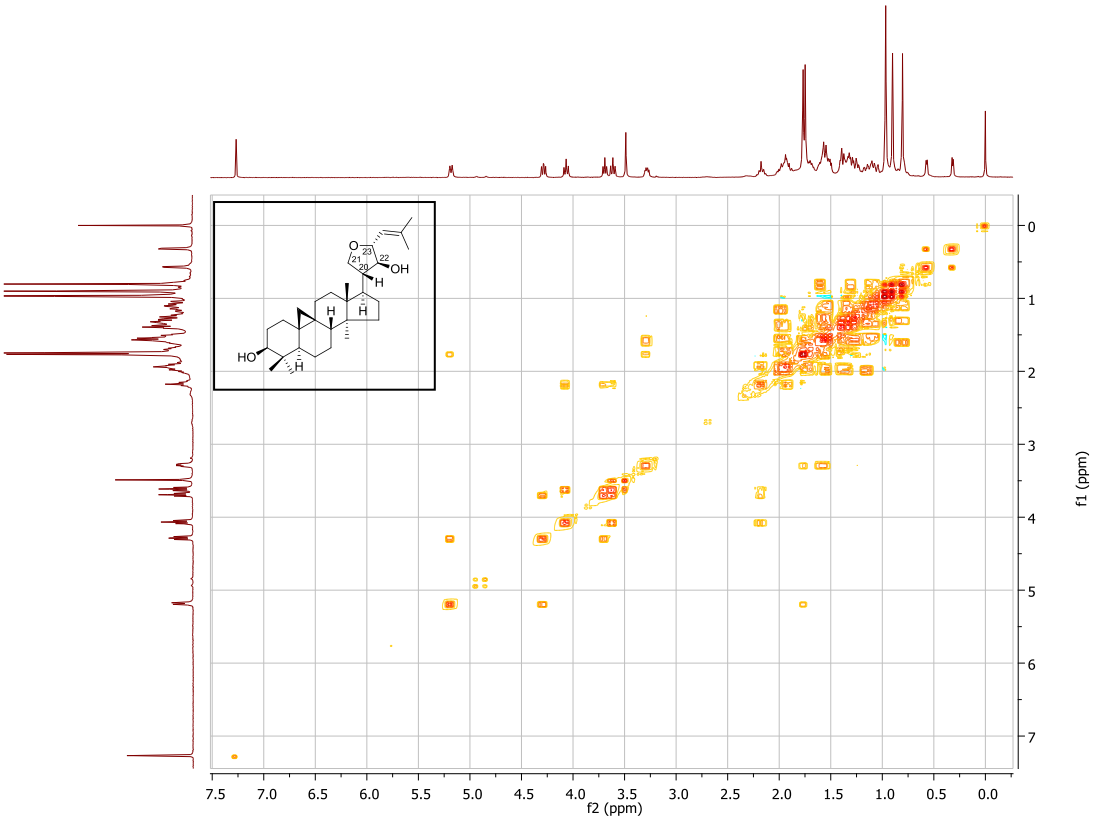

Figure S6-7. NOESY spectrum of compound **6** ($CDCl_3$, 400 MHz).

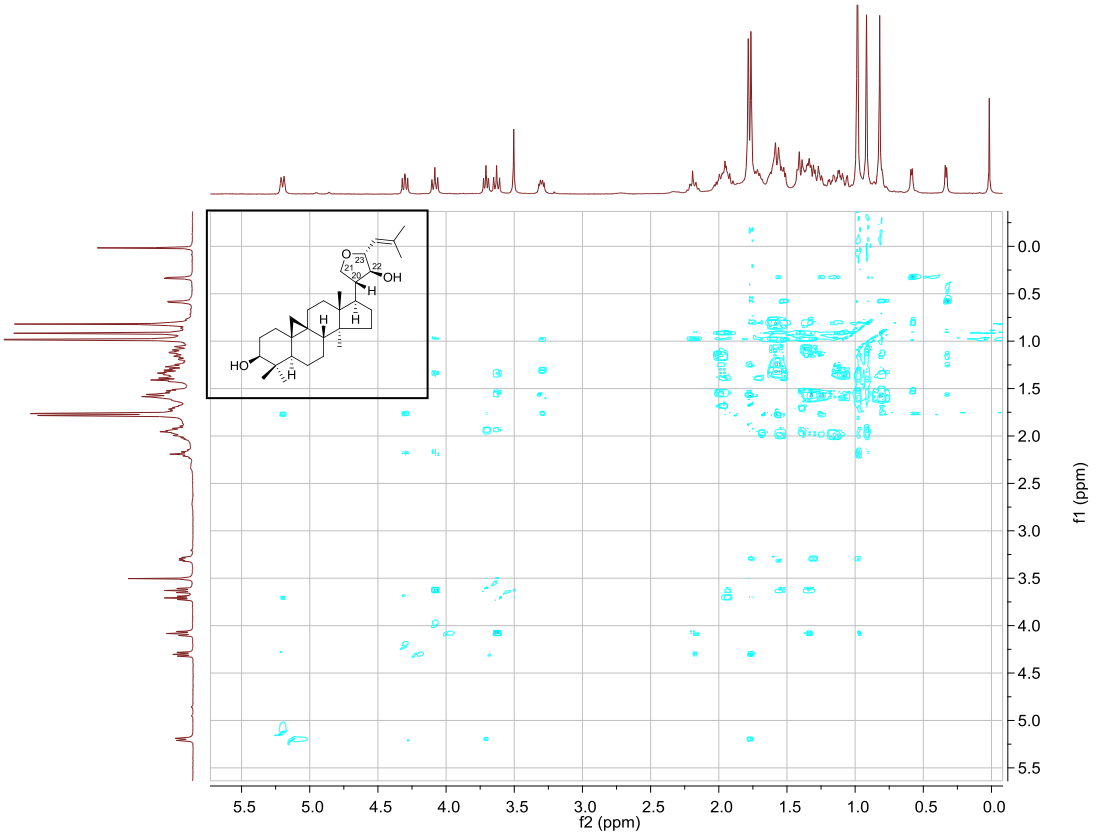

Figure S6-8. ^{1}H NMR spectrum of (*R*)-MTPA ester of compound **6** (pyridine-d_5, 400 MHz).

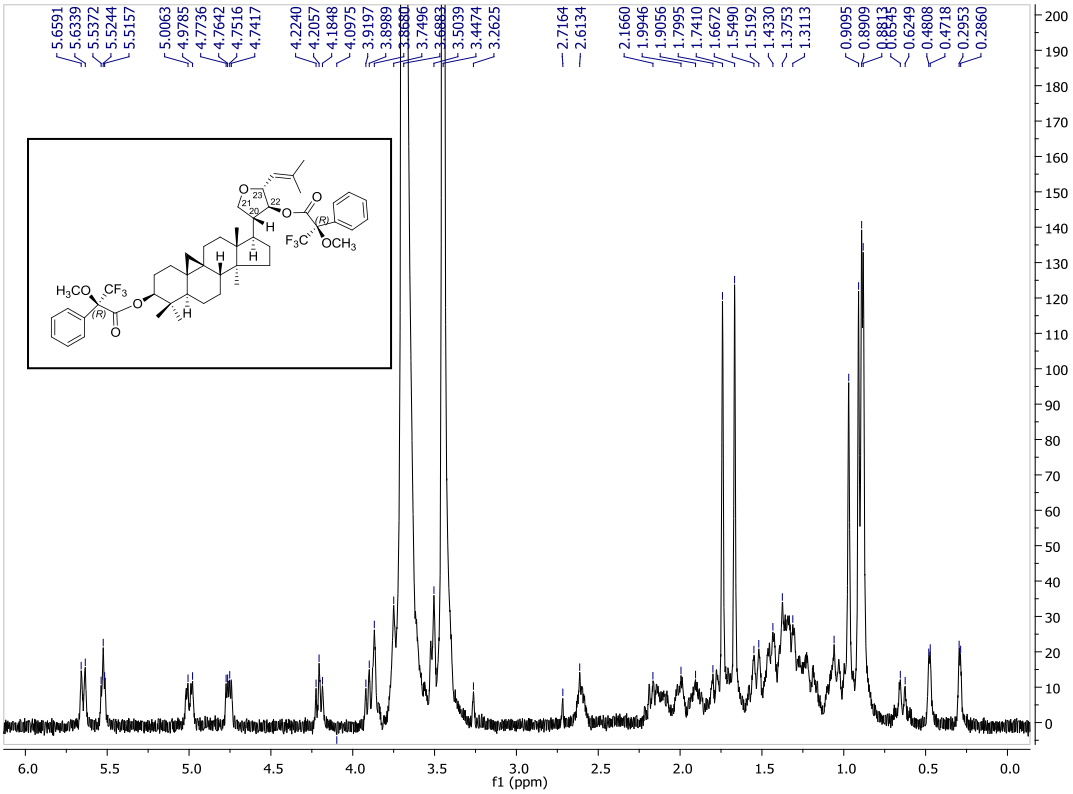

Figure S6-9. ^{1}H NMR spectrum of (*S*)-MTPA ester of compound **6** (pyridine-d_5, 400 MHz).

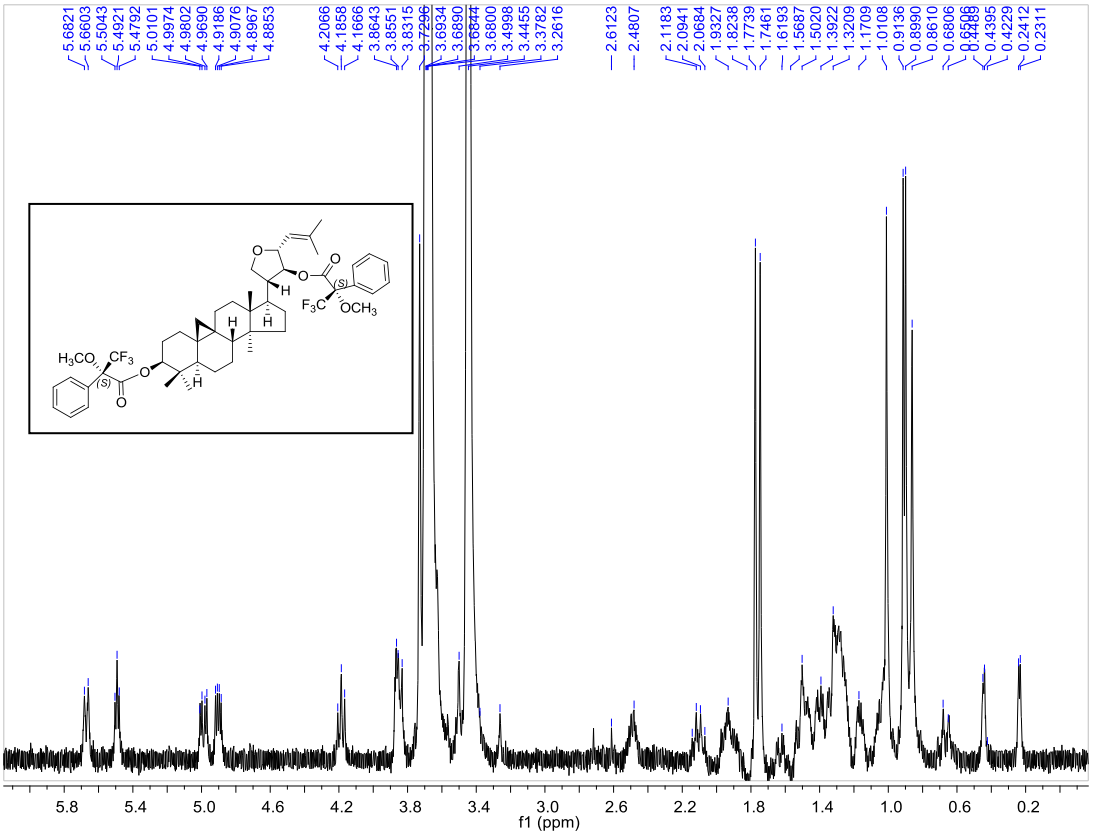

Figure S7-1. ^{1}H NMR spectrum of compound **7** ($CDCl_3$, 400 MHz).

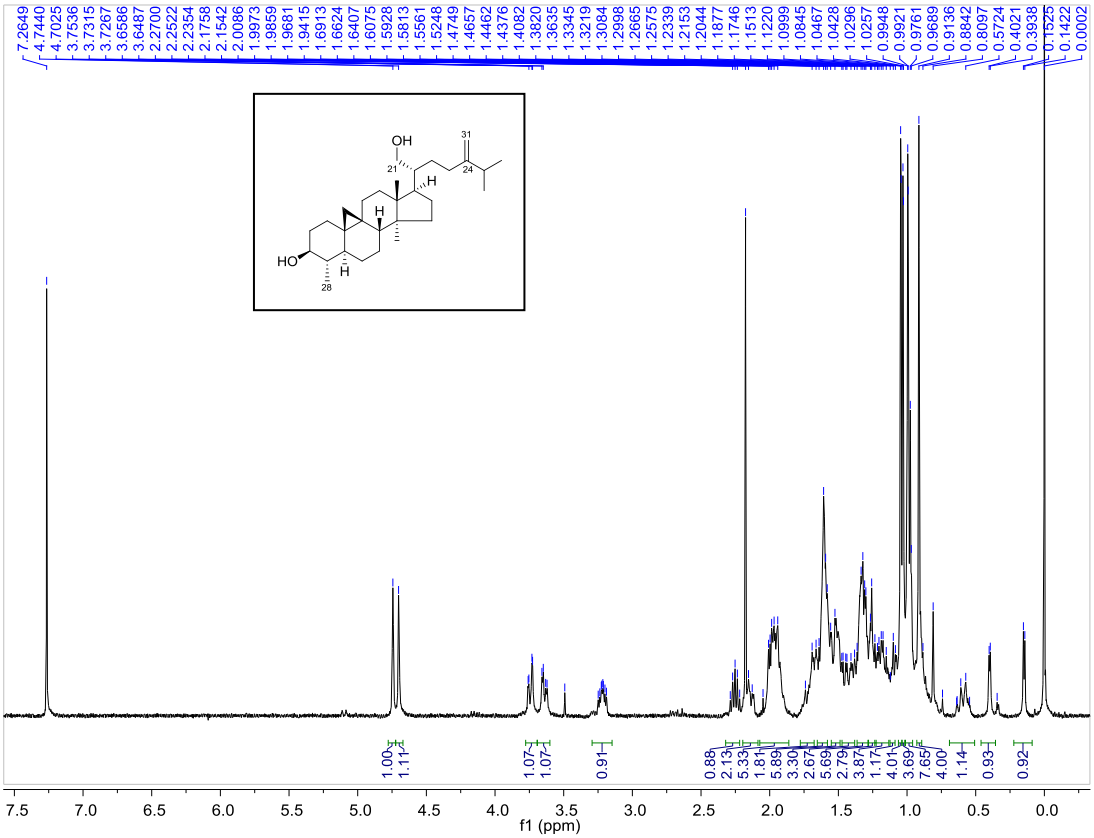

Figure S7-2. ^{13}C DEPT135 spectrum of compound **7** ($CDCl_3$, 100 MHz).

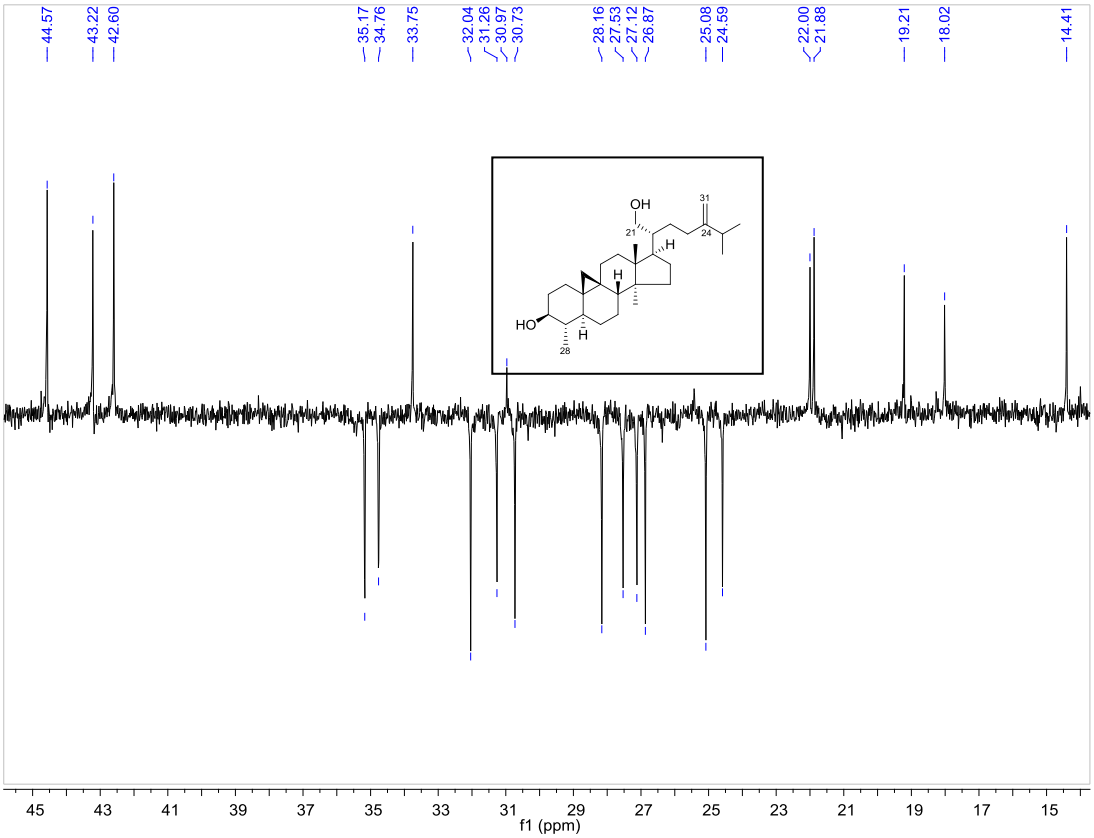

Figure S7-3. ^{13}C NMR spectrum of compound **7** ($CDCl_3$, 100 MHz).

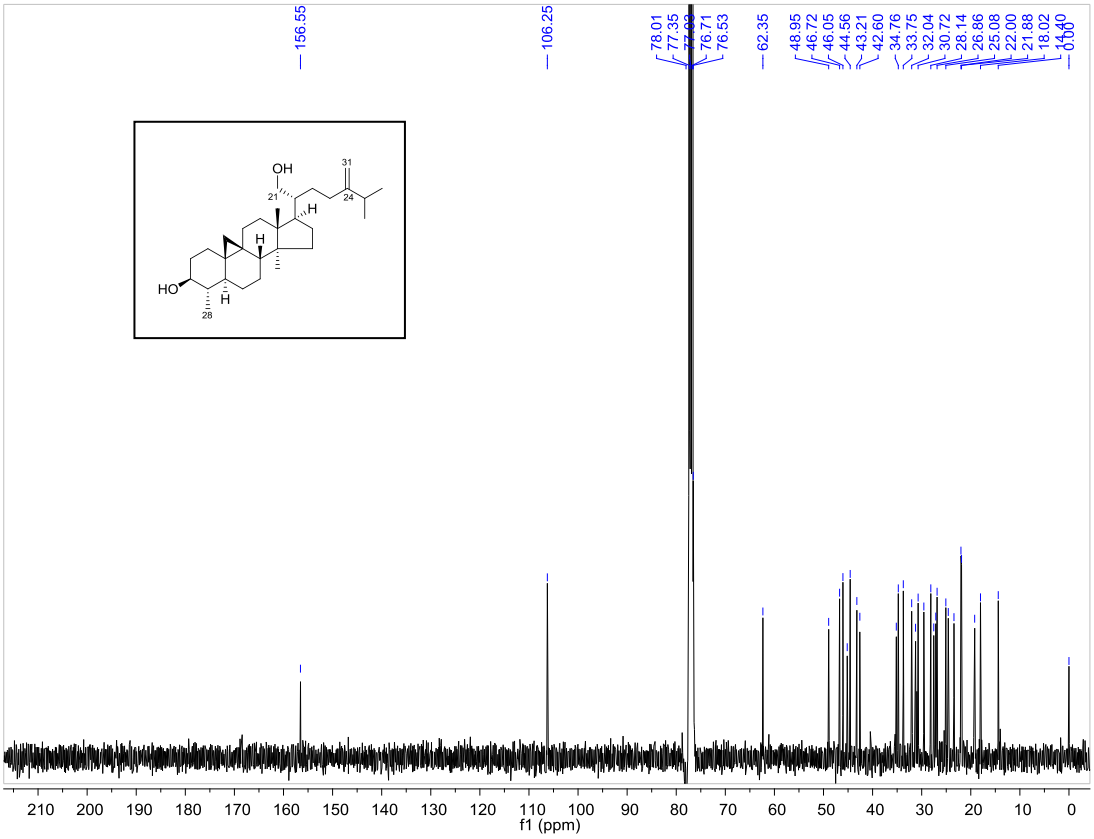

Figure S7-4. HSQC spectrum of compound **7** ($CDCl_3$, 400, 100 MHz).

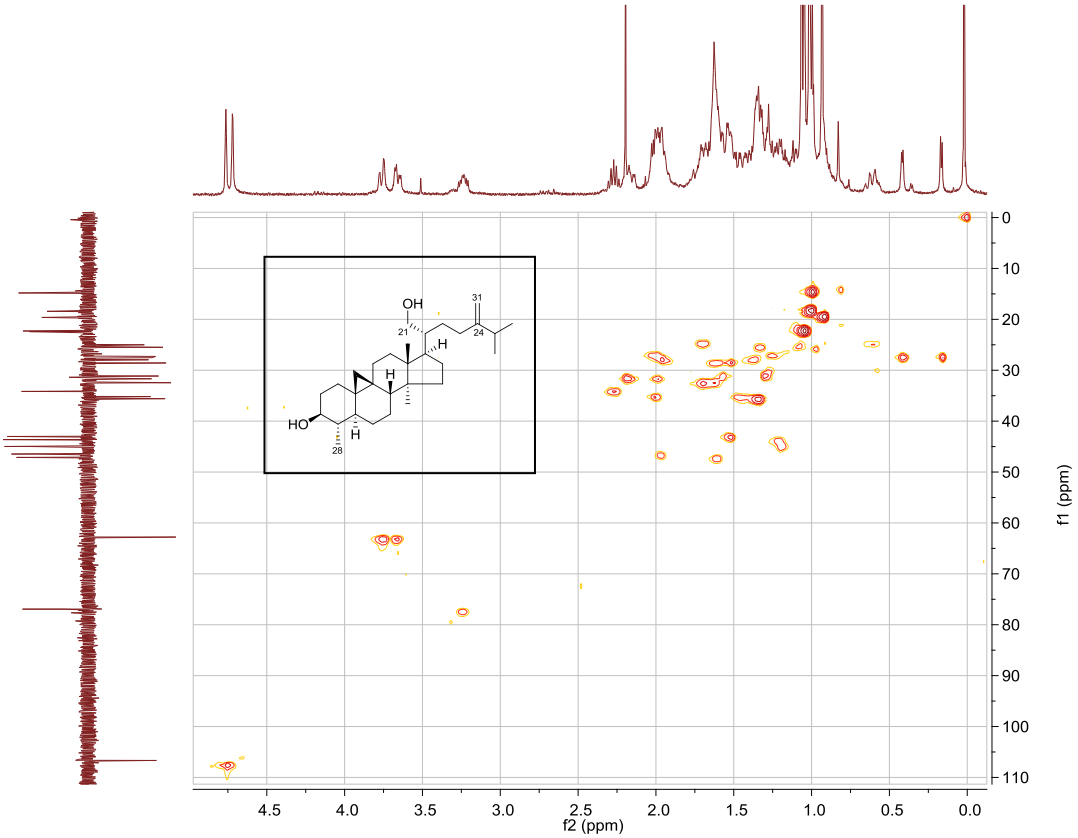

Figure S7-5. HMBC spectrum of compound **7** ($CDCl_3$, 400, 100 MHz).

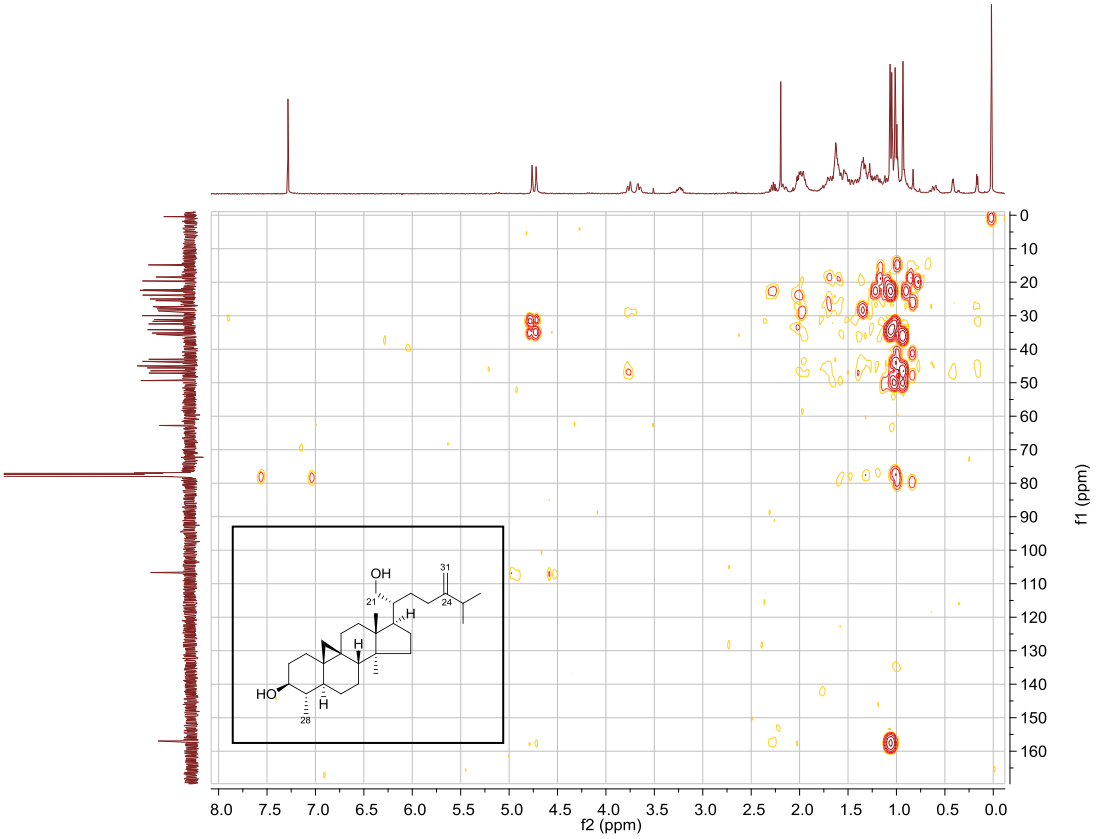

Figure S7-6. ^{1}H-^{1}H COSY spectrum of compound **7** ($CDCl_3$, 400 MHz).

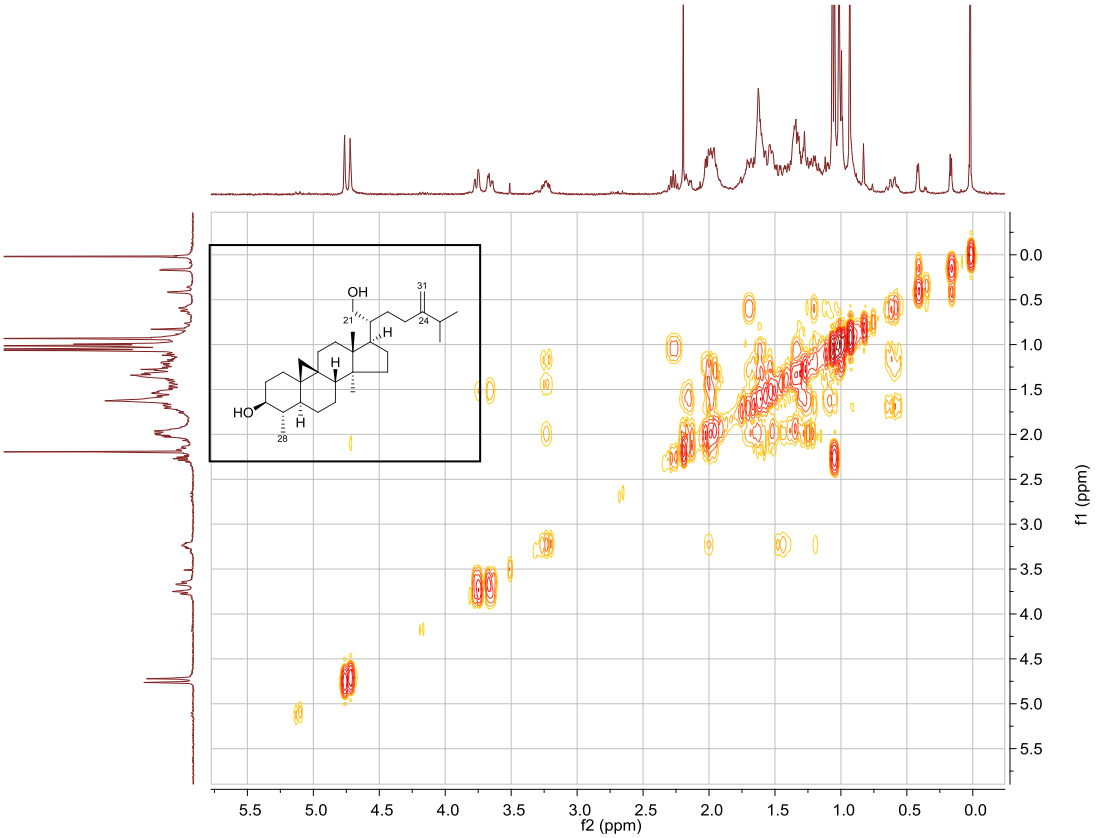

Figure S7-7. NOESY spectrum of compound **7** ($CDCl_3$, 400 MHz).

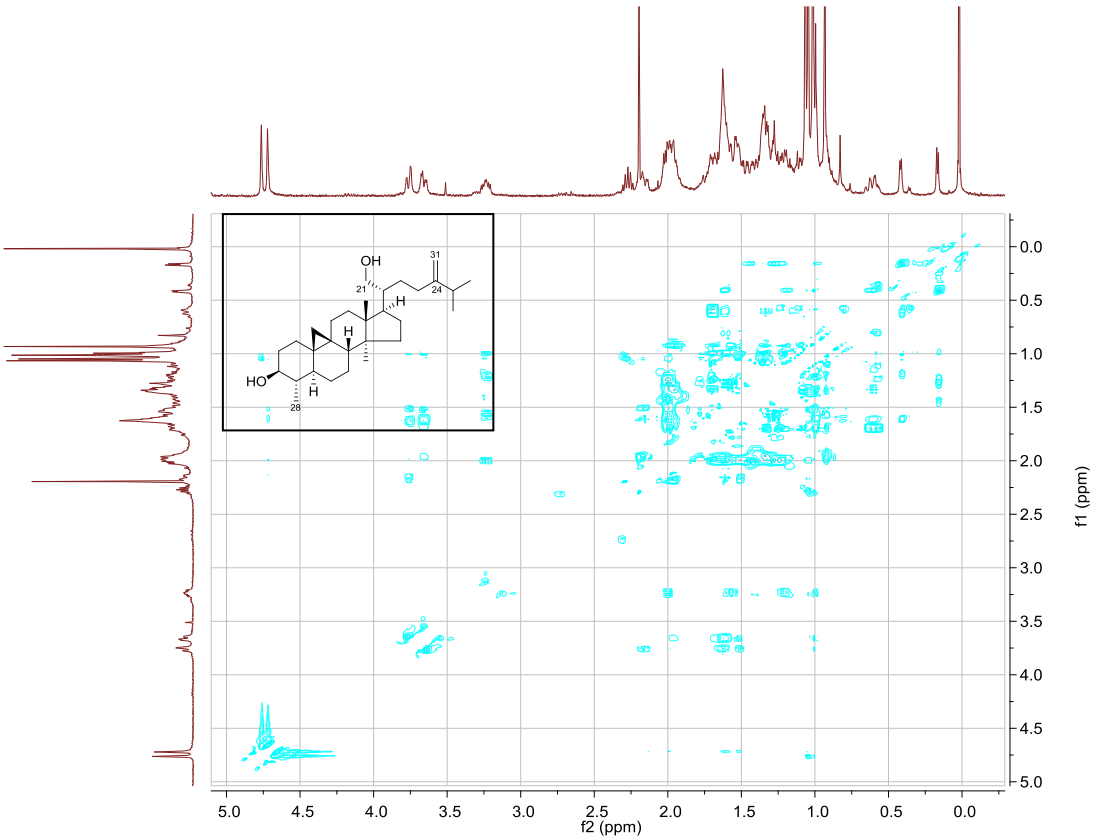

Figure S7-8. ^{1}H NMR spectrum of (*R*)-MTPA ester of compound **8** (pyridine-*d*$_5$, 400 MHz).

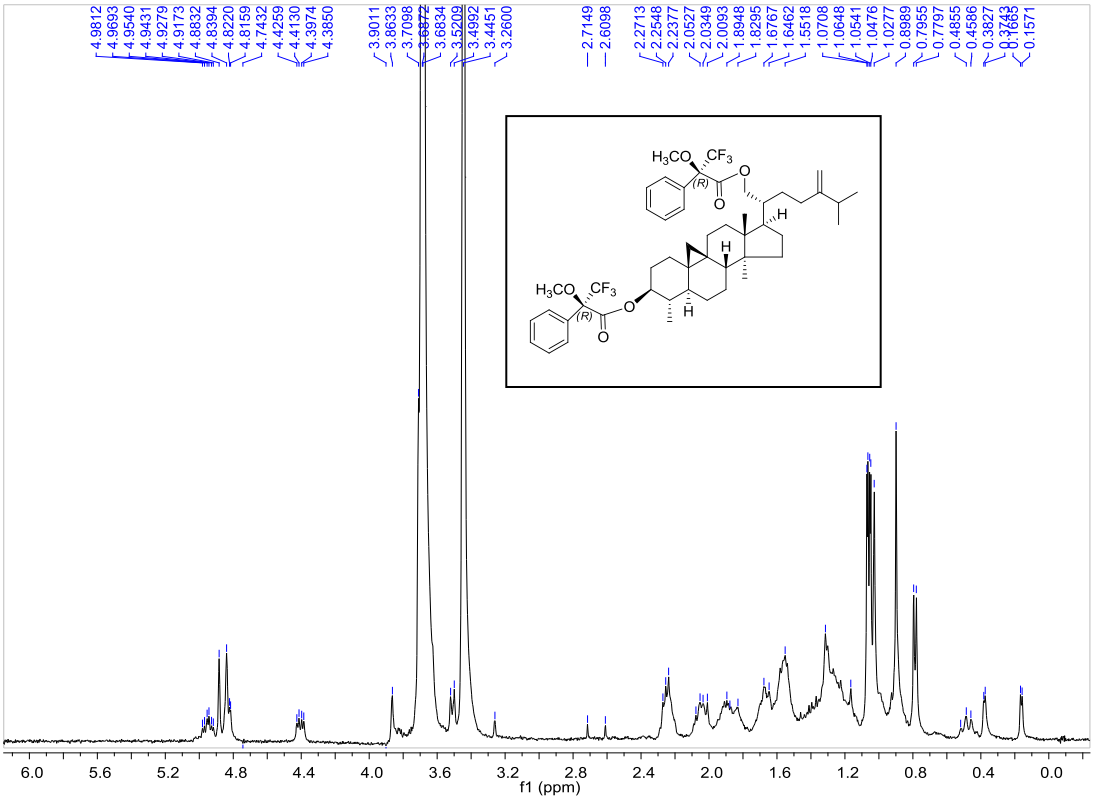

Figure S7-9. ^{1}H NMR spectrum of (*S*)-MTPA ester of compound **7** (pyridine-*d*$_5$, 400 MHz).

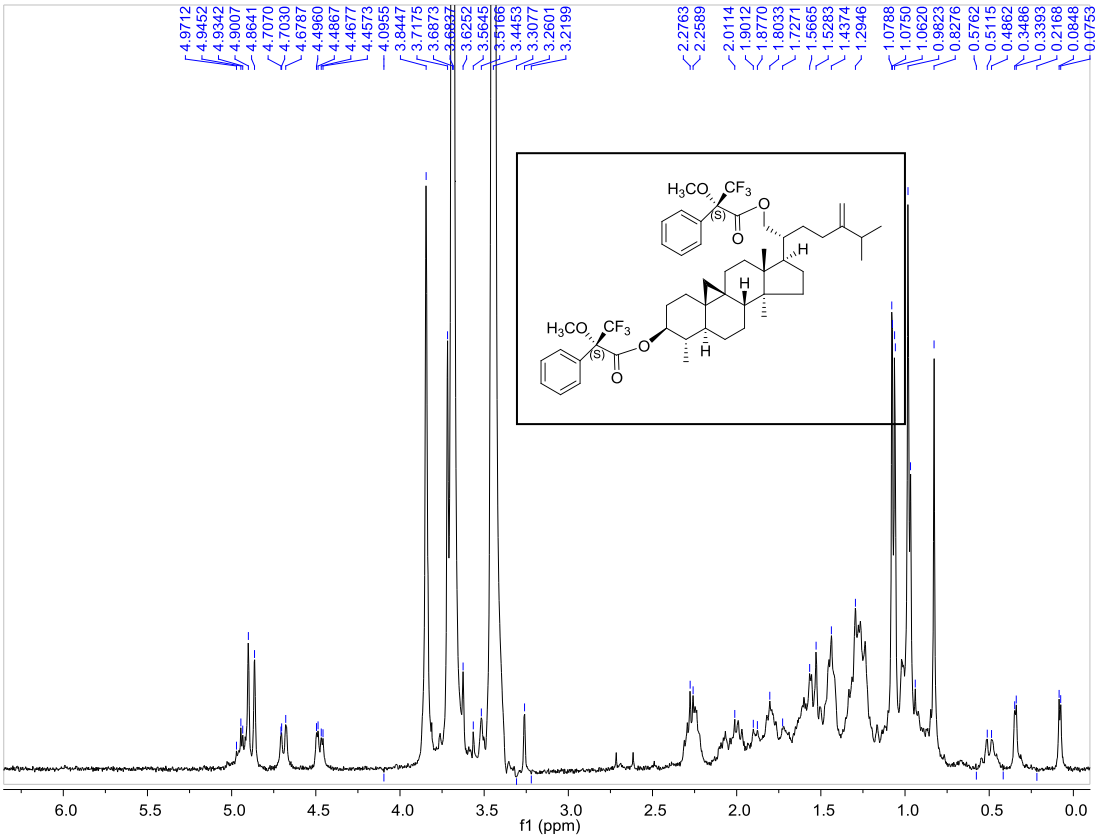

Figure S8-1. ^{1}H NMR spectrum of compound **8** (methanol-d_4, 400 MHz).

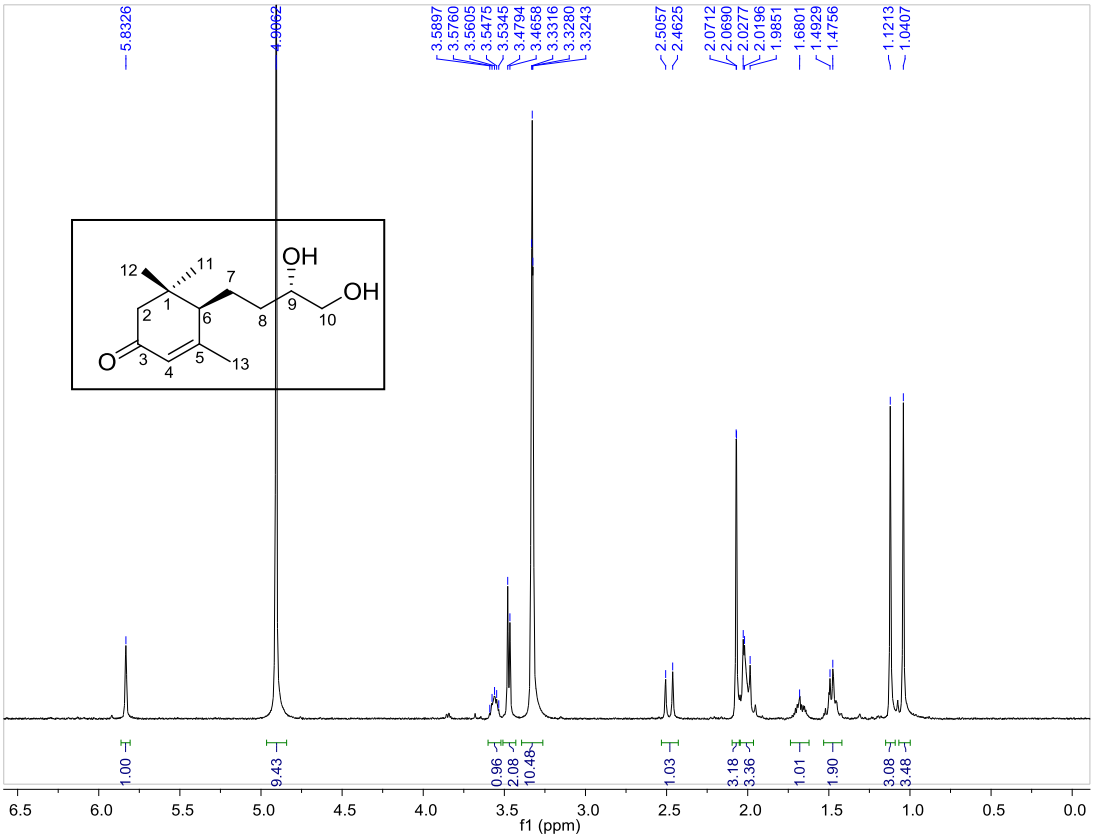

Figure S8-2. ^{13}C DEPT135 spectrum of compound **8** (methanol-d_4, 100 MHz).

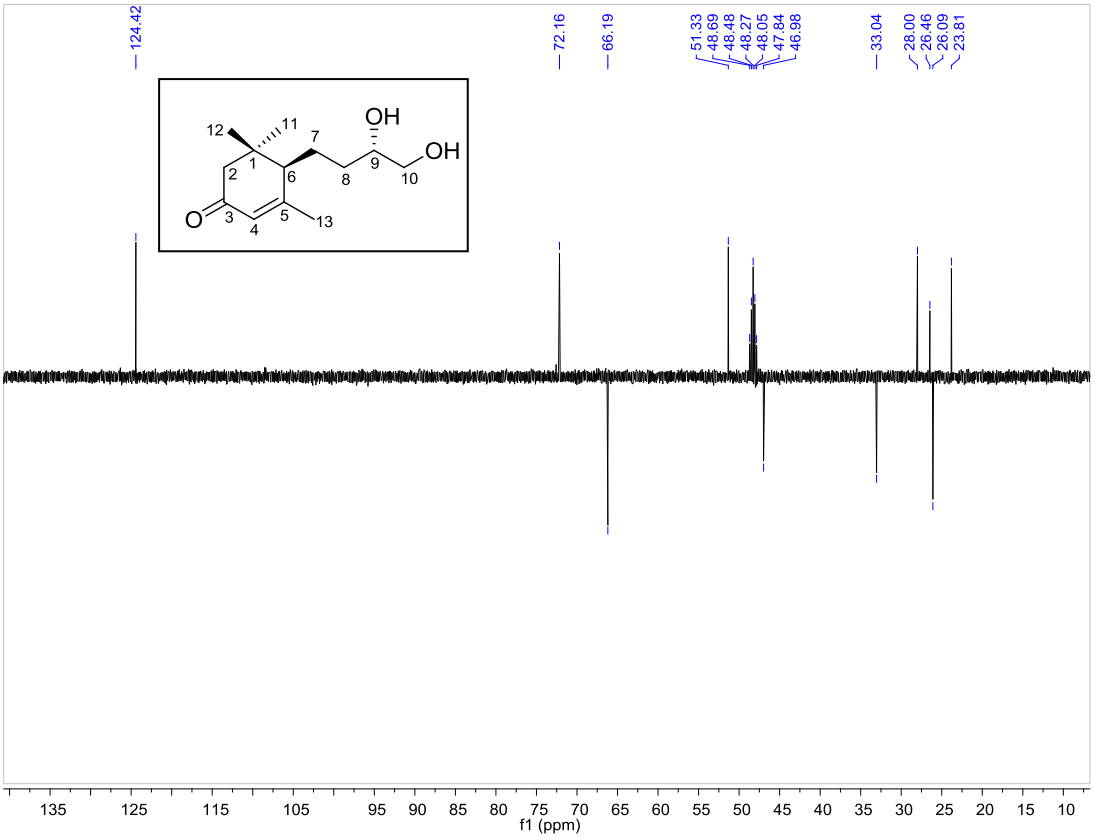

Figure S8-3. ^{13}C NMR spectrum of compound **8** (methanol-d_4, 100 MHz).

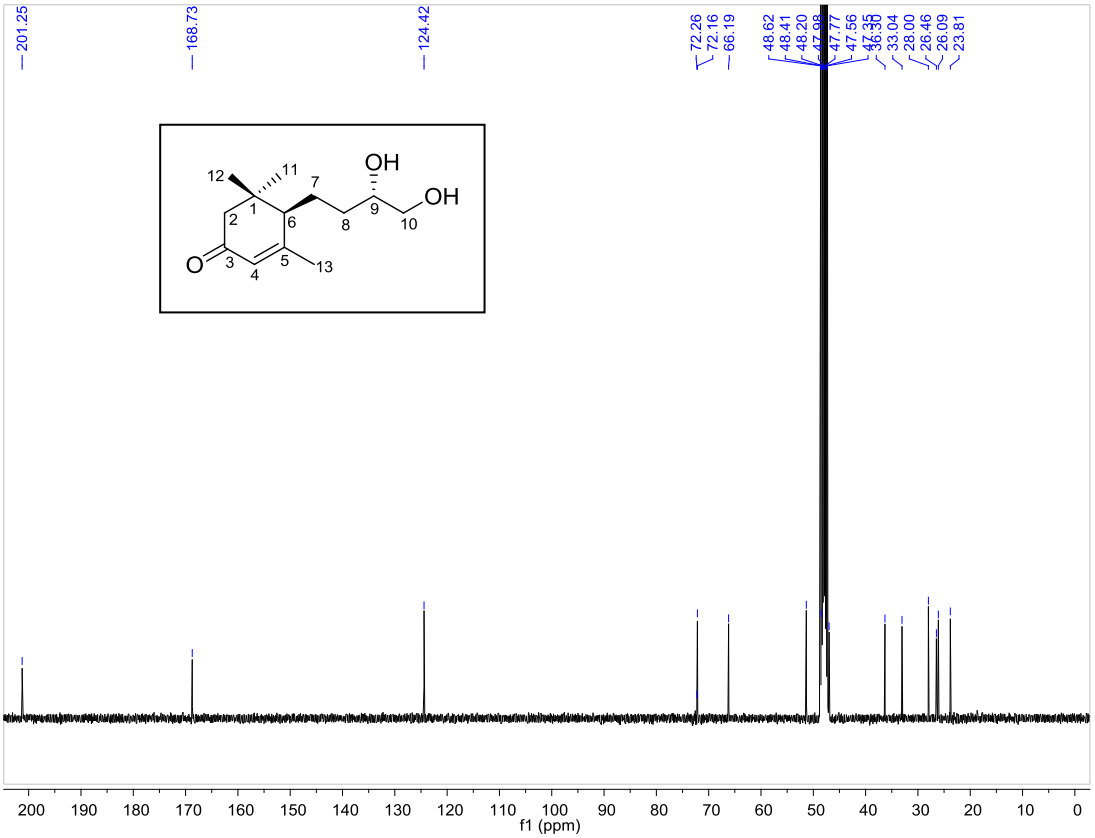

Figure S8-4. HSQC spectrum of compound **8** (methanol-d_4, 400, 100 MHz).

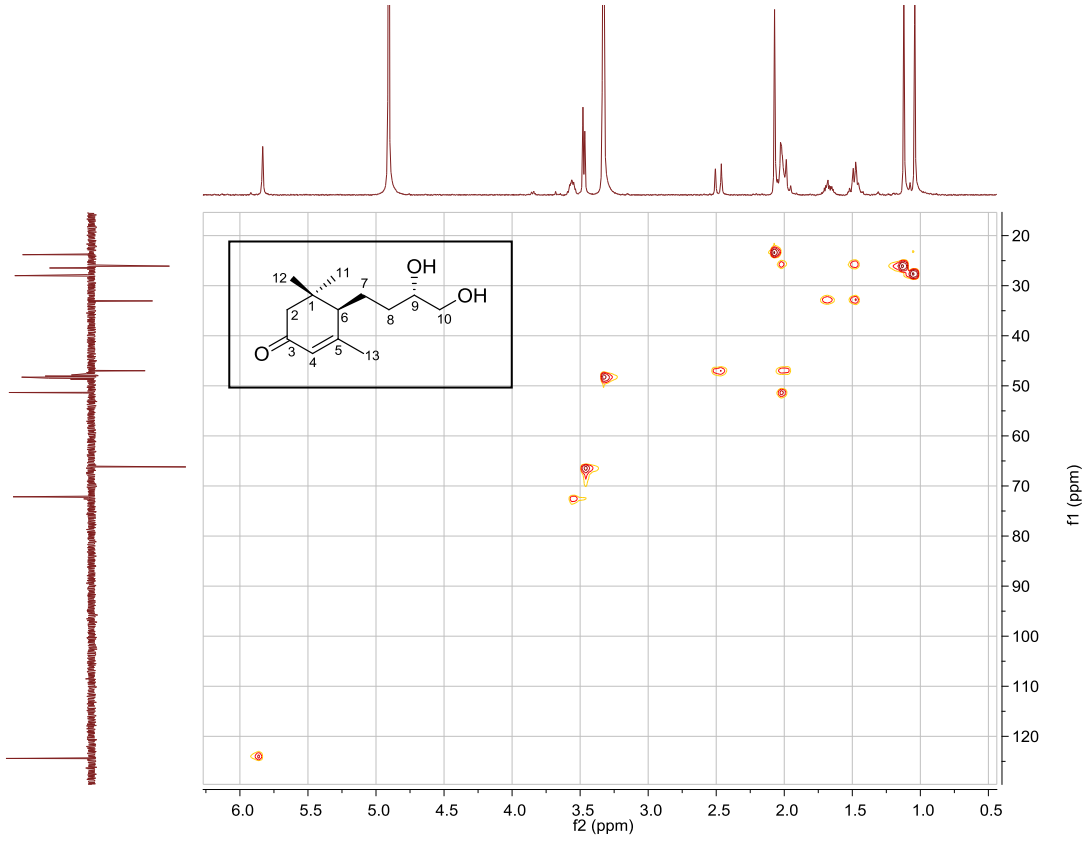

Figure S8-5. HMBC spectrum of compound **8** (methanol-d_4, 400, 100 MHz).

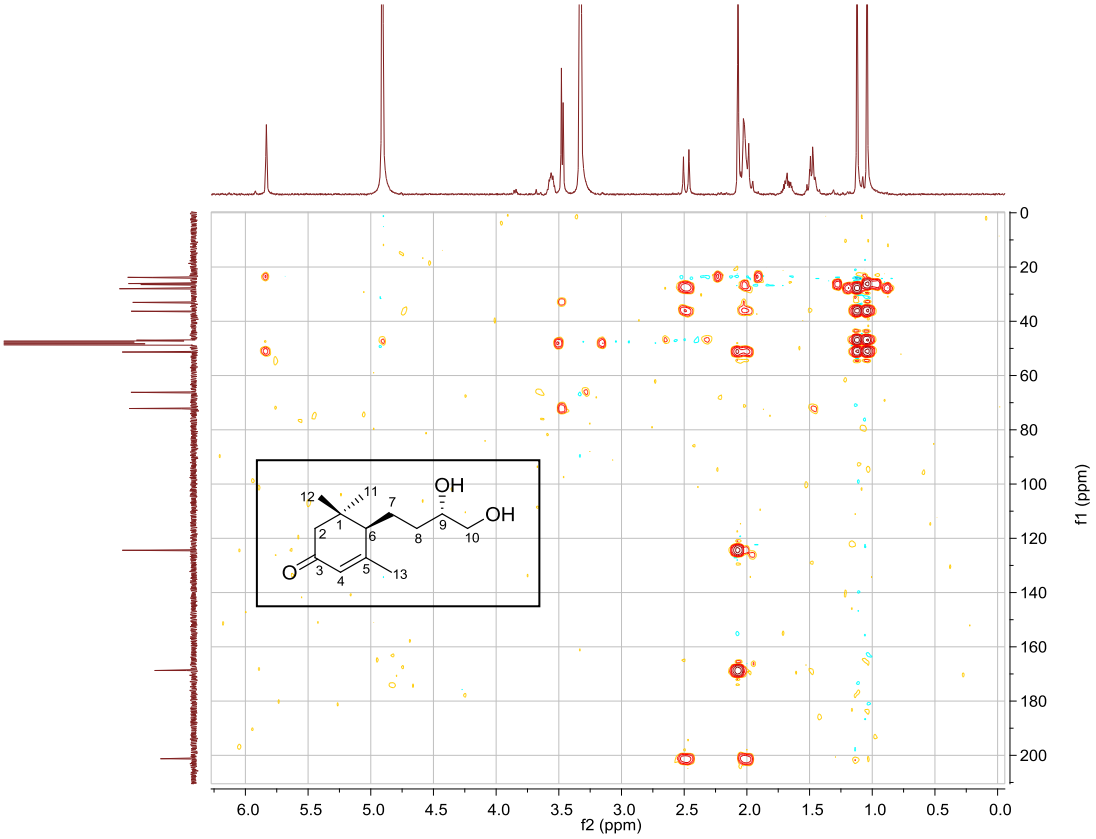

Figure S8-6. ^{1}H-^{1}H COSY spectrum of compound **8** (methanol-d_4, 400 MHz).

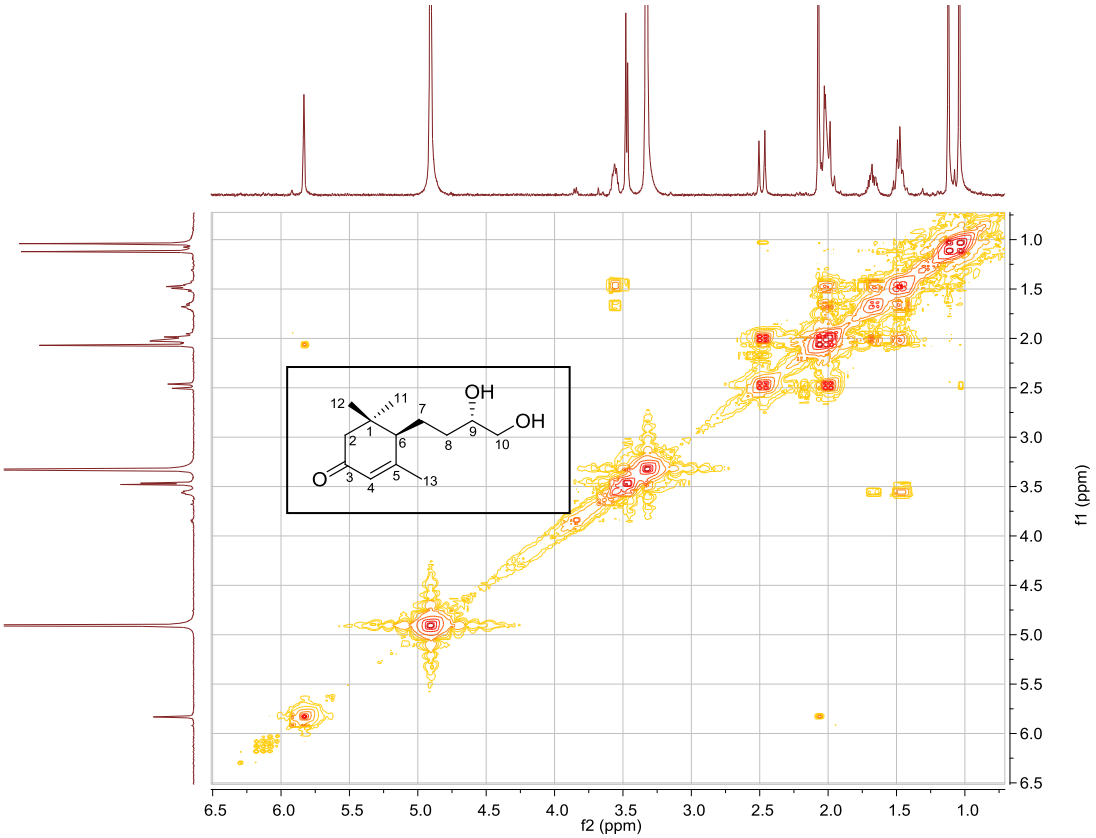

Figure S8-7. NOESY spectrum of compound **8** (methanol-d_4, 400 MHz).