

Supporting Information for

Identification of Antitumor Lignans from the Seeds of Morning Glory (*Pharbitis nil*)

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Figure S14. A schematic representation of the isolation and purification of compounds **1-4**

Figure S1. The ^1H NMR (CD_3OD , 500 MHz) data of **1**

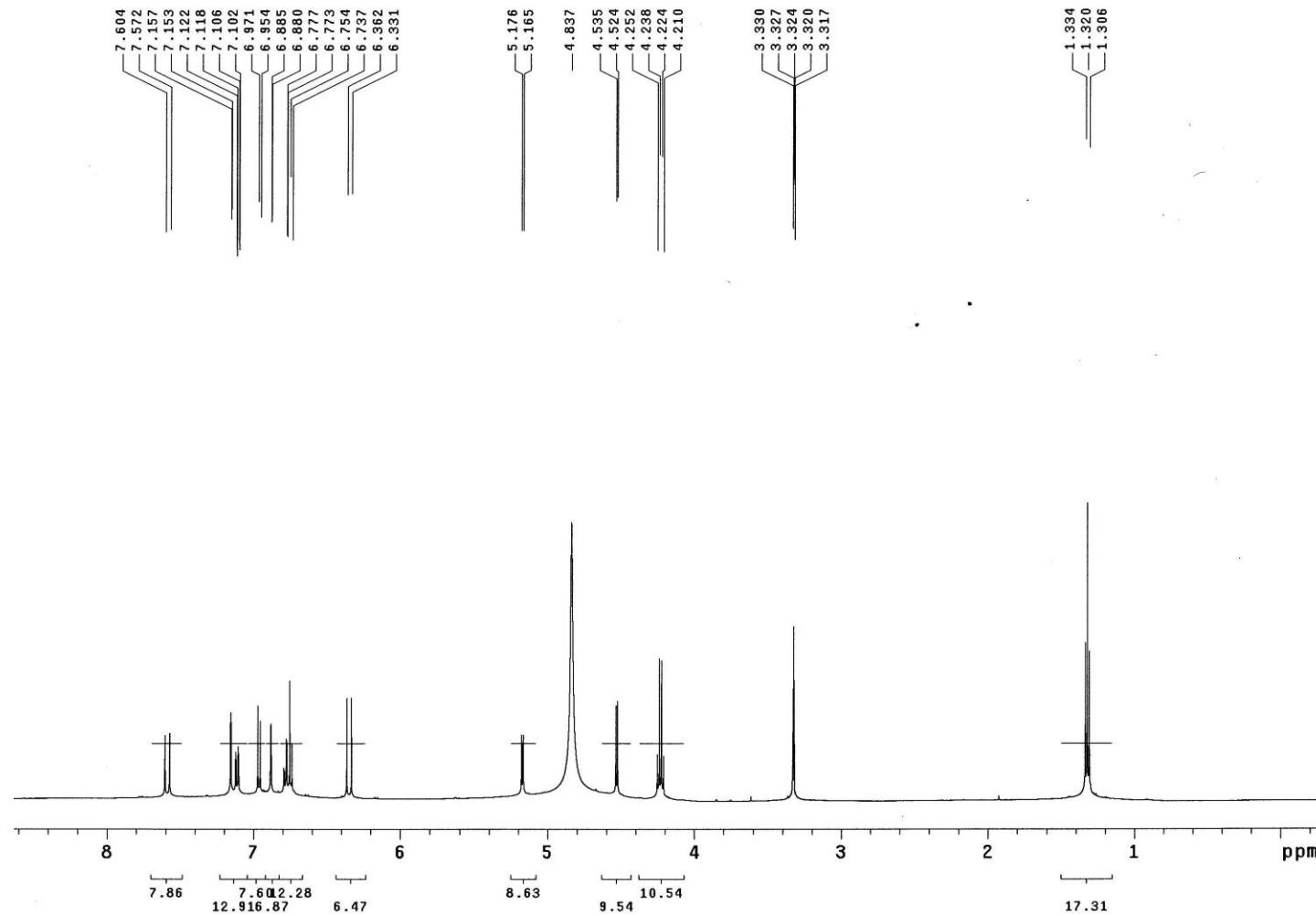


Figure S2. The ^{13}C NMR (CD_3OD , 125 MHz) data of **1**

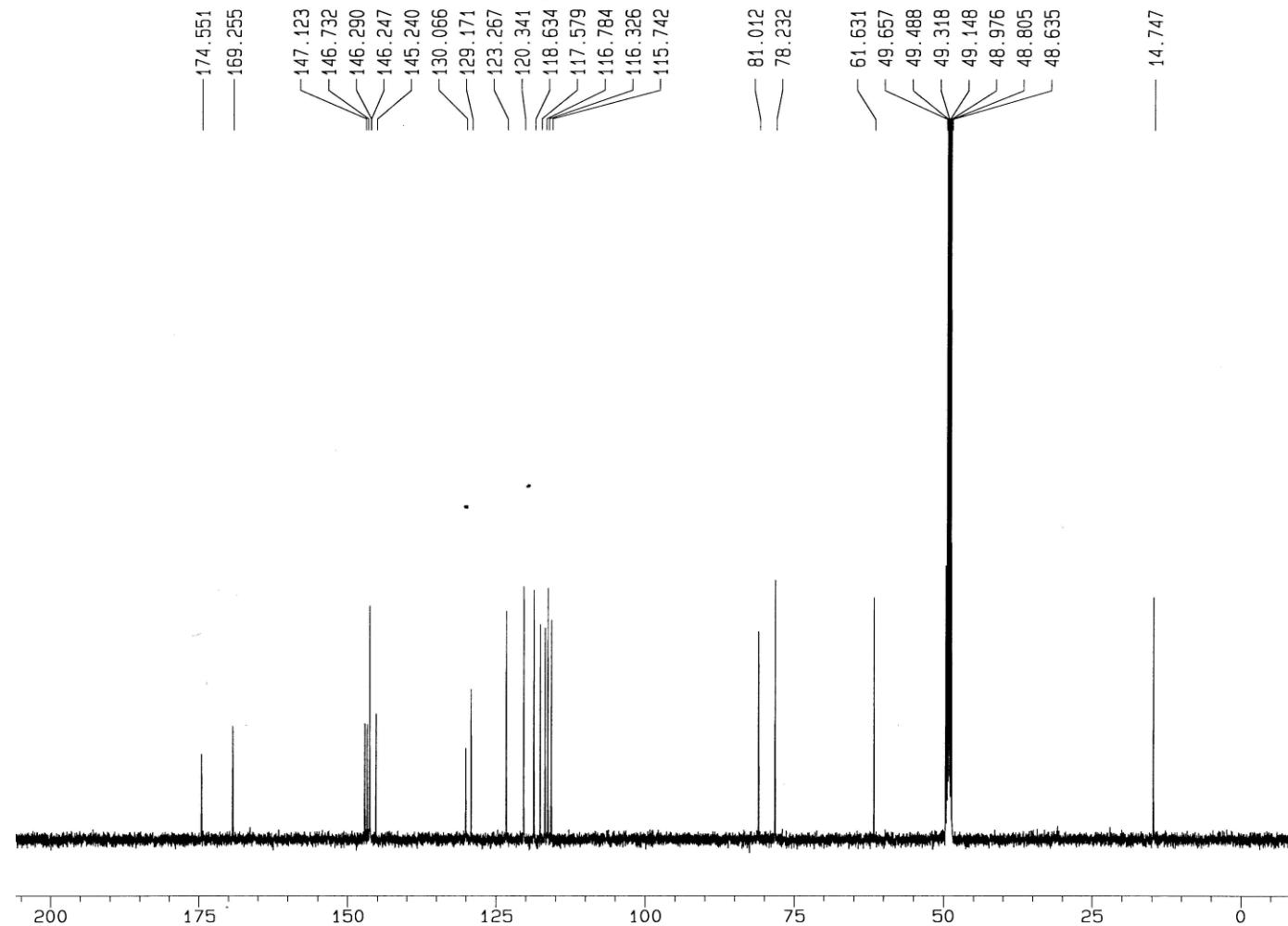
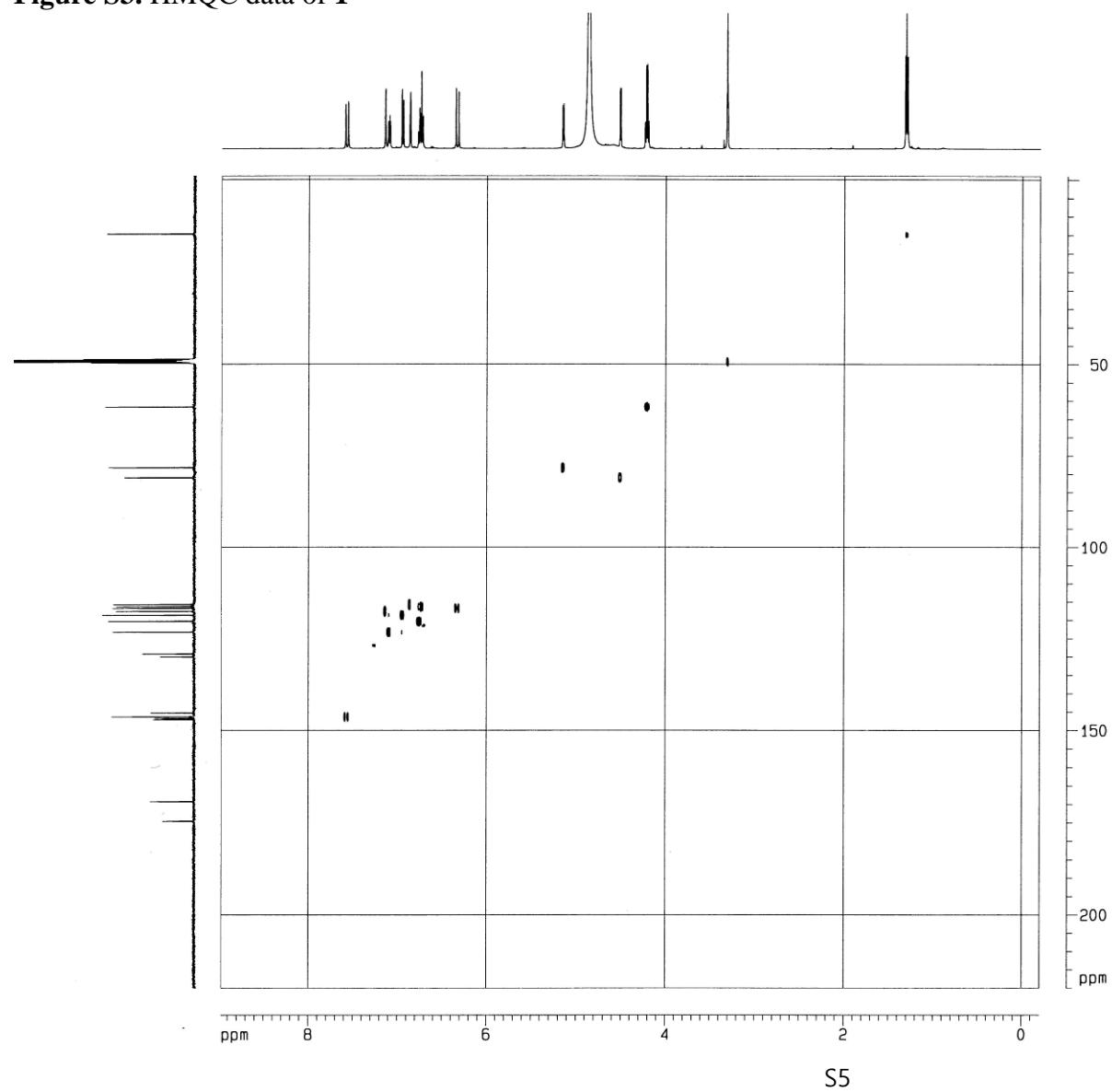


Figure S3. HMQC data of **1**



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Figure S4. HMBC data of **1**

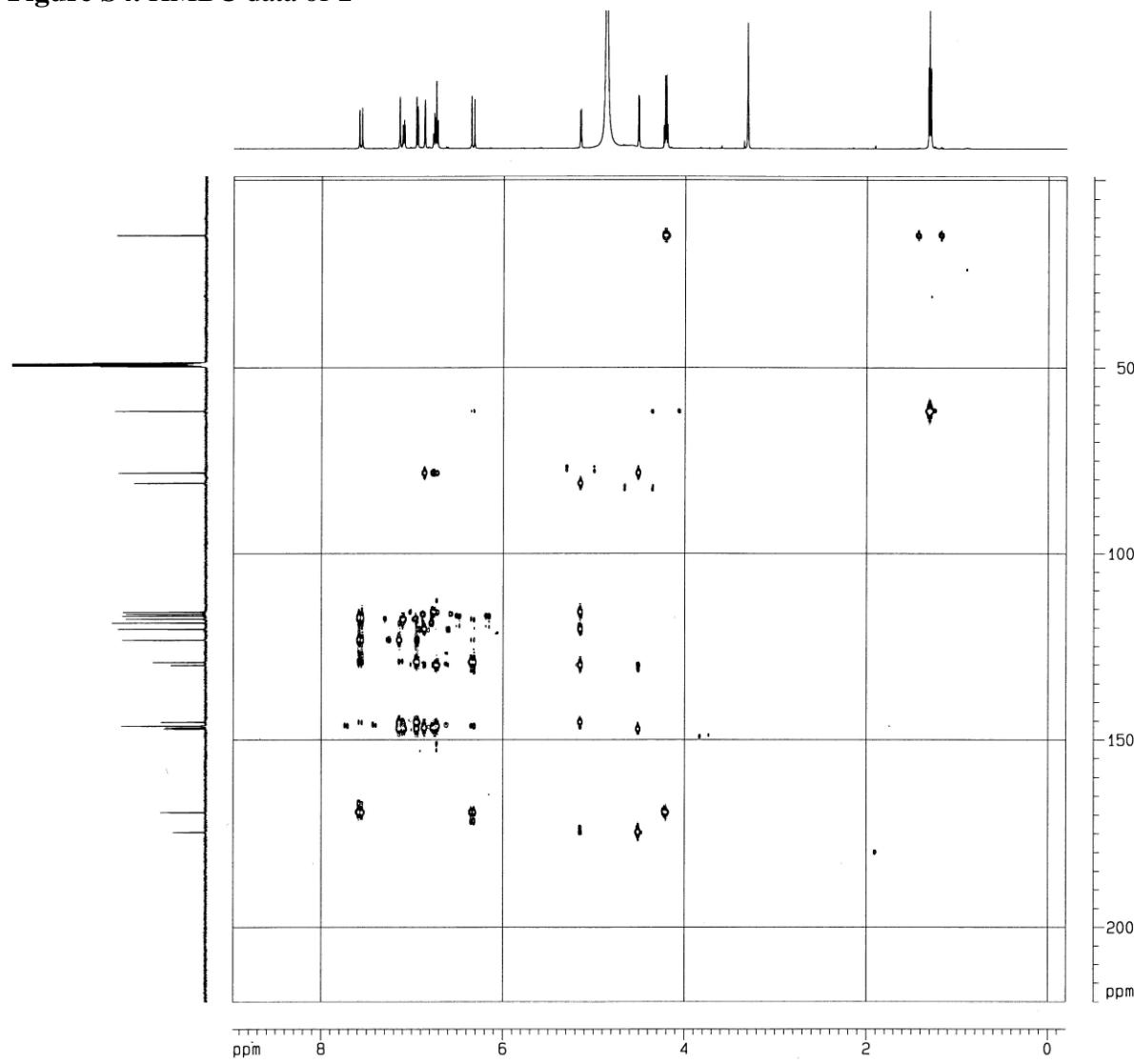


Figure S5. The ^1H NMR (CD_3OD , 500 MHz) data of **2**

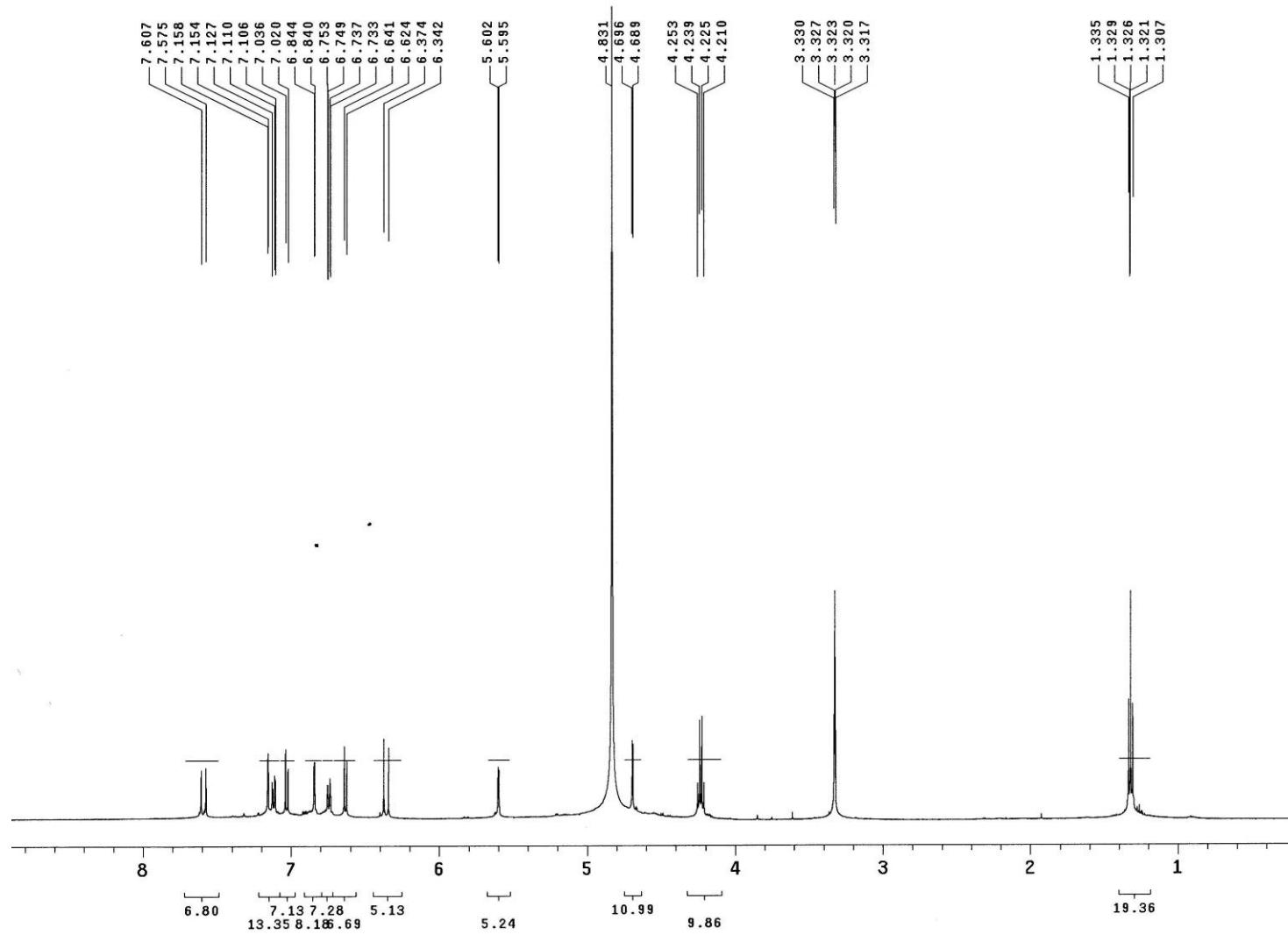


Figure S6. The ^{13}C NMR (CD_3OD , 125 MHz) data of **2**

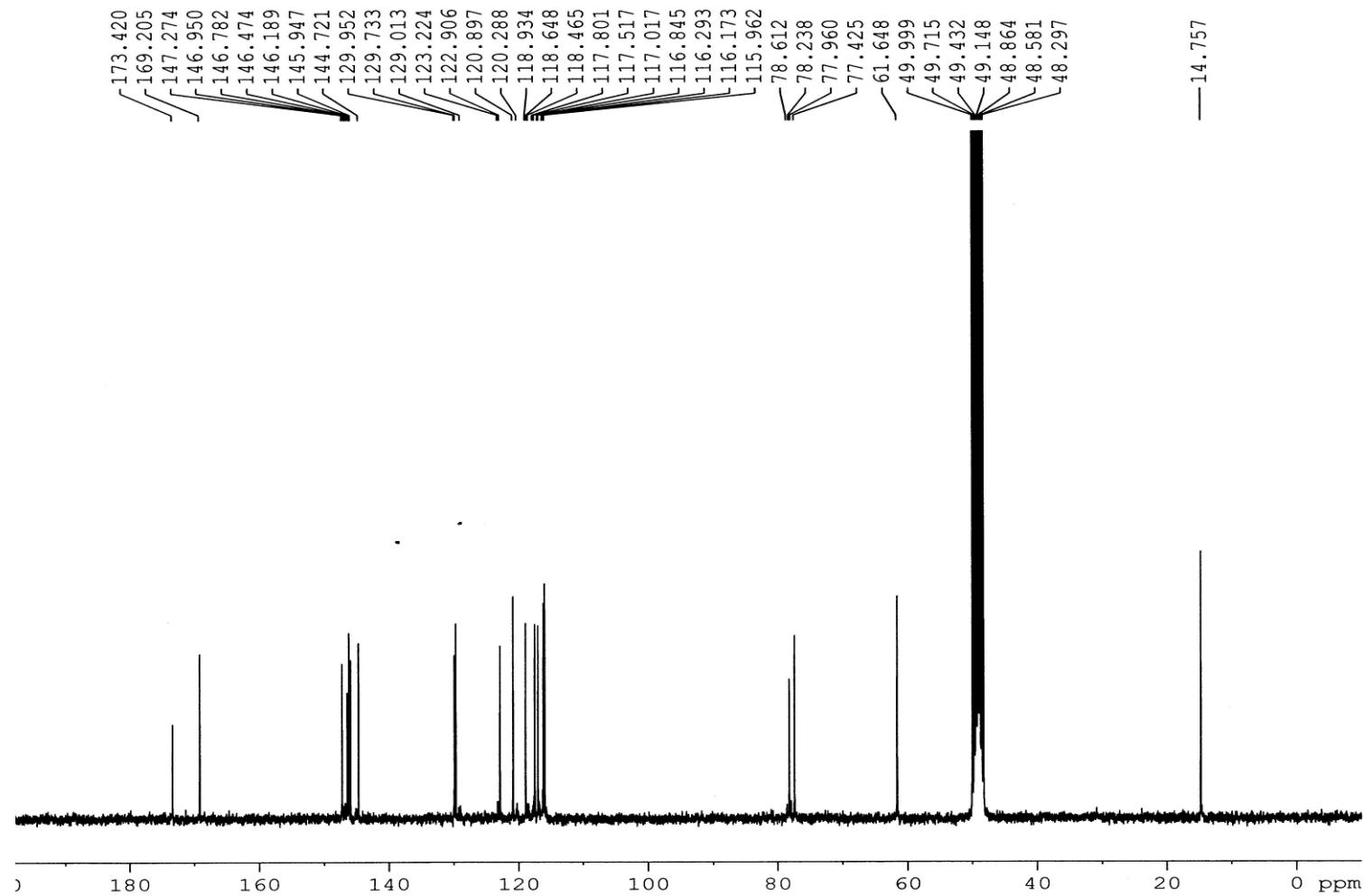


Figure S7. The ^1H NMR (CDCl_3 , 500 MHz) data of **3**

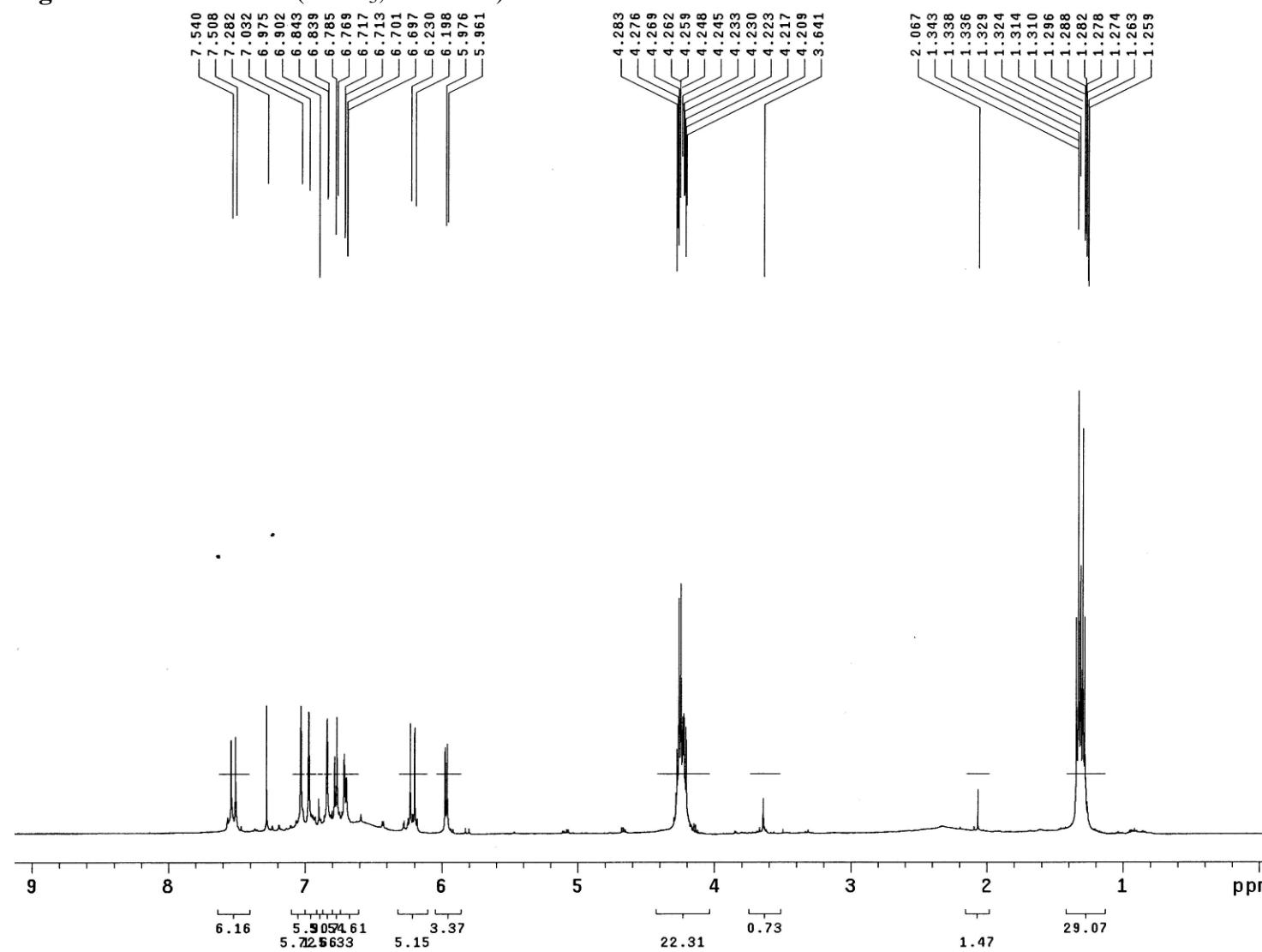


Figure S8. The ^{13}C NMR (CDCl_3 , 125 MHz) data of **3**

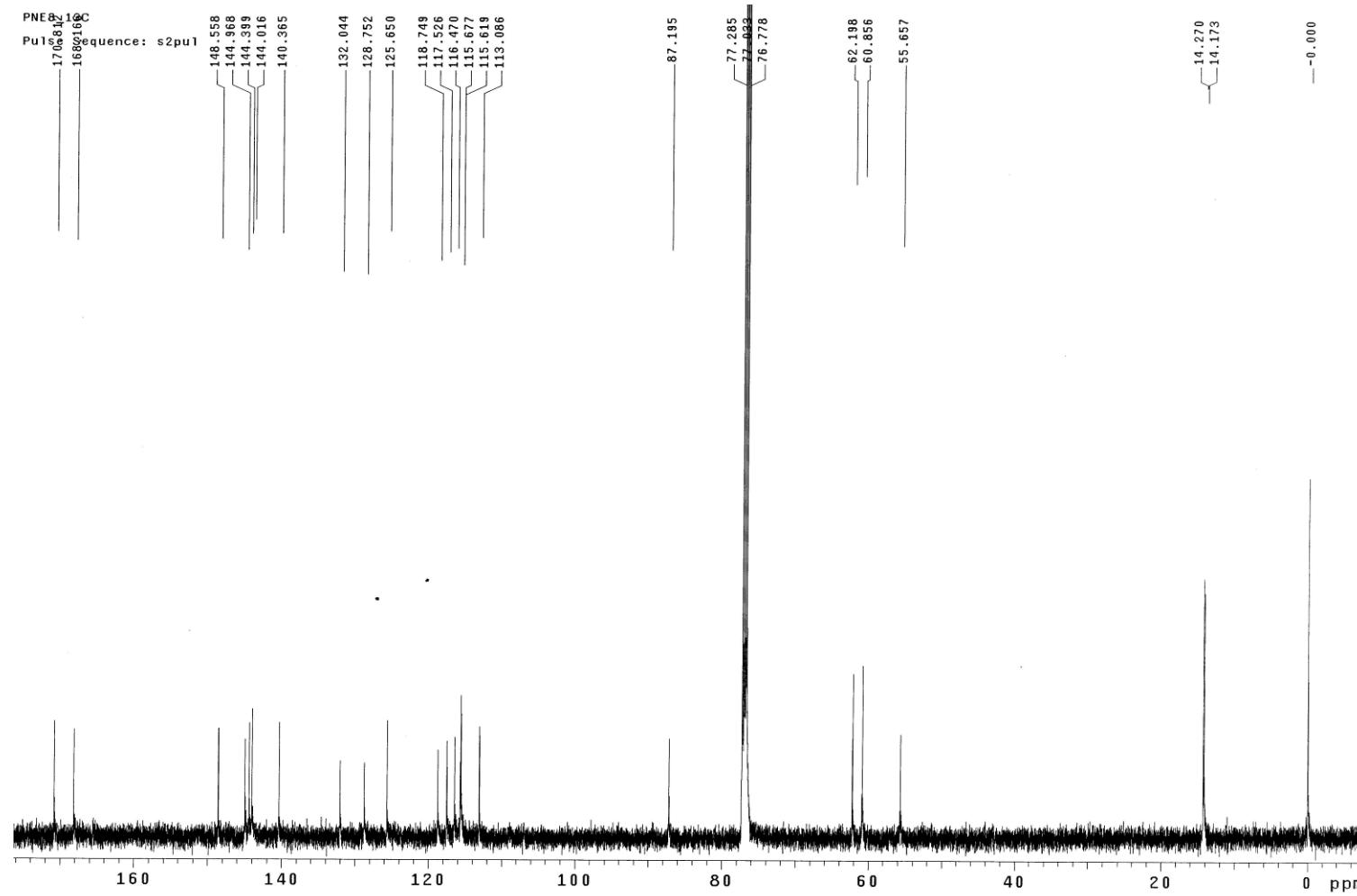


Figure S9. The ^1H NMR (CD_3OD , 500 MHz) data of **4**

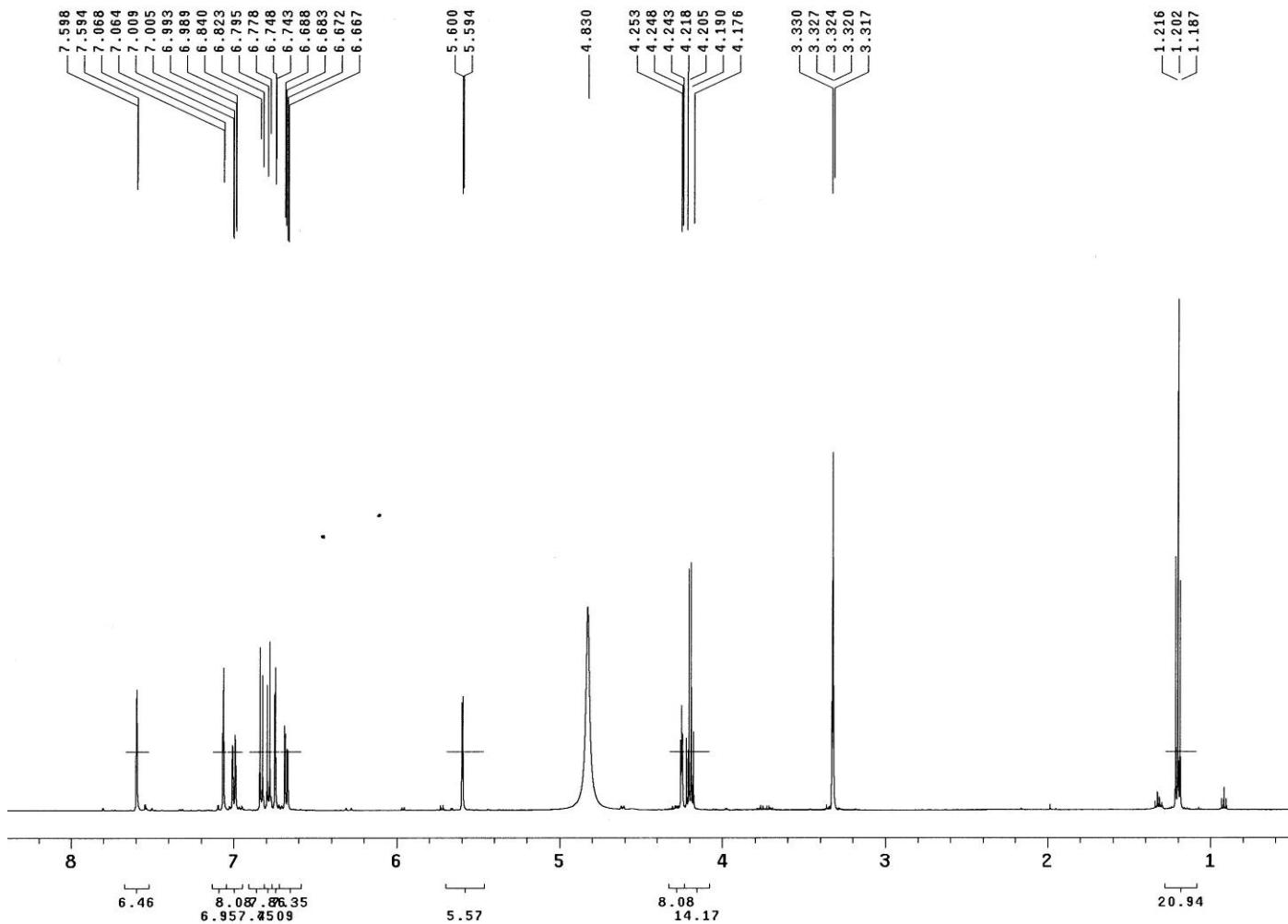


Figure S10. The ^{13}C NMR (CD_3OD , 125 MHz) data of **4**

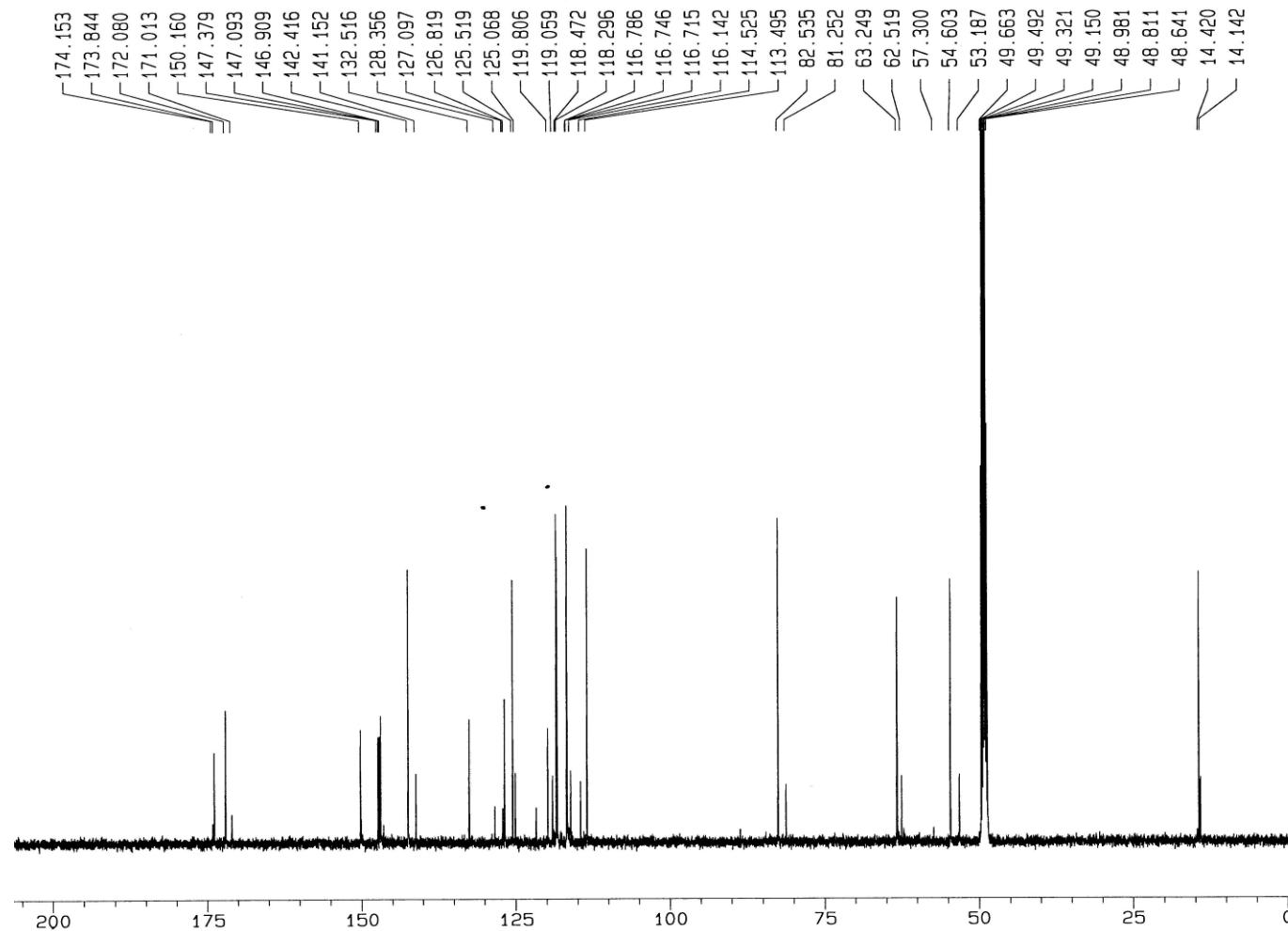


Figure S11. HMQC data of 4

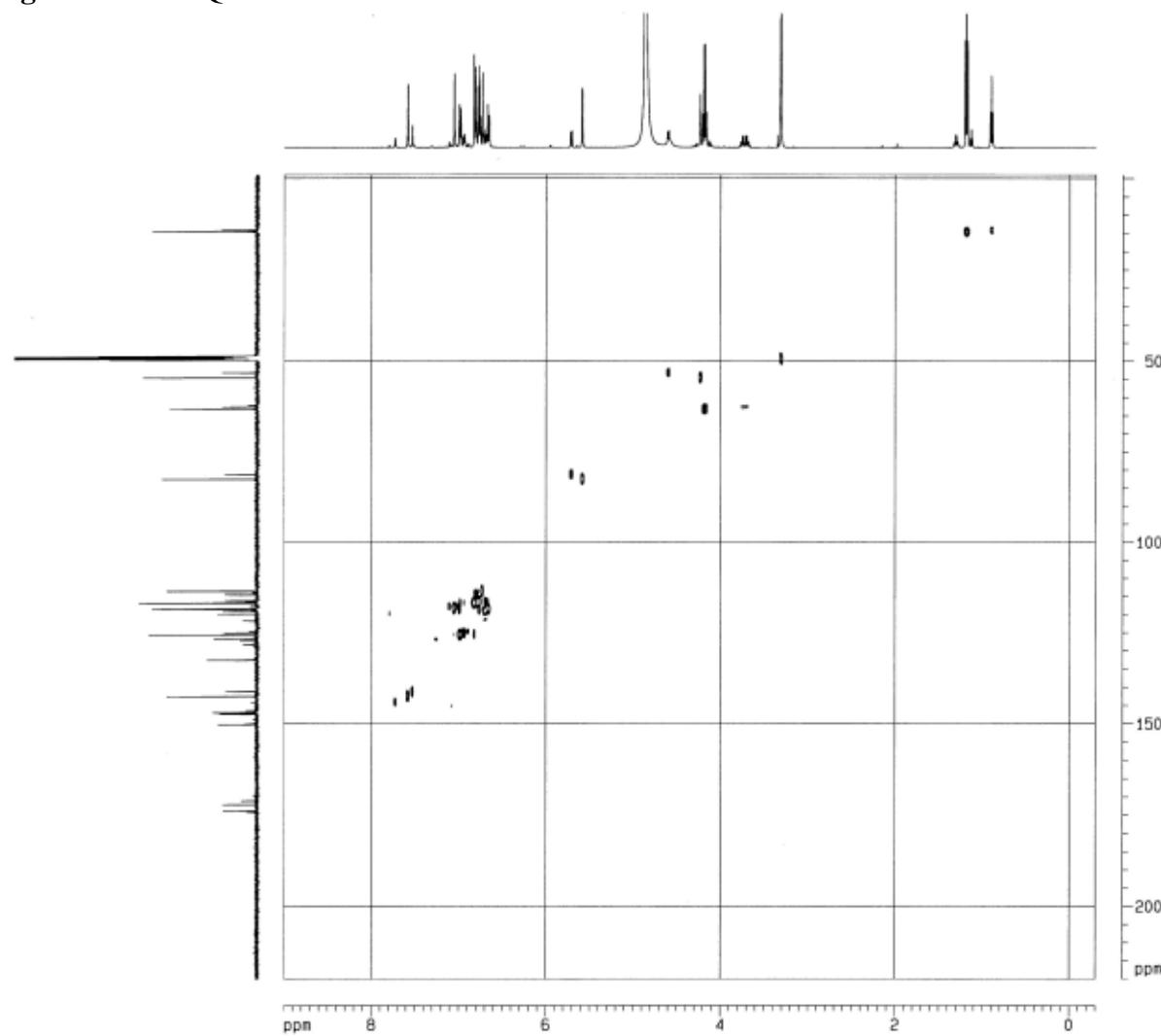


Figure S12. HMBC data of 4

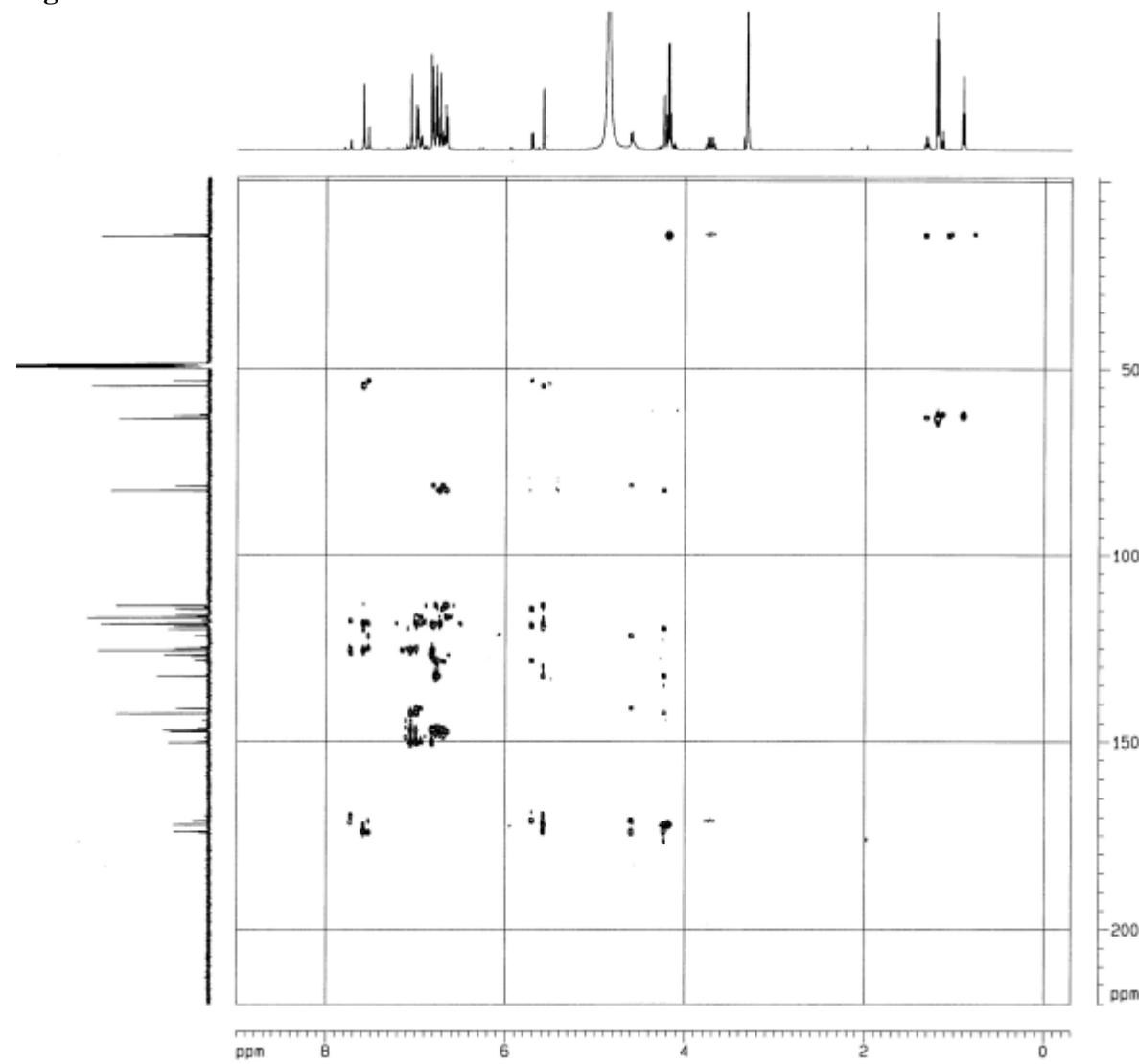


Figure S13. LC-MS trace for compounds **1-4** (254 nm, flow rate: 0.7 mL/min, LC-MS program: linear gradient 0–30 min from 10% MeCN/H₂O (+ 0.1% formic acid; (FA)) to 100% MeCN + 0.1% FA, then 5 min isocratic elution with 100% MeCN + 0.1% FA, then ramp down over 1 min to and 6 min isocratic elution with 10% MeCN/H₂O (+ 0.1% FA).

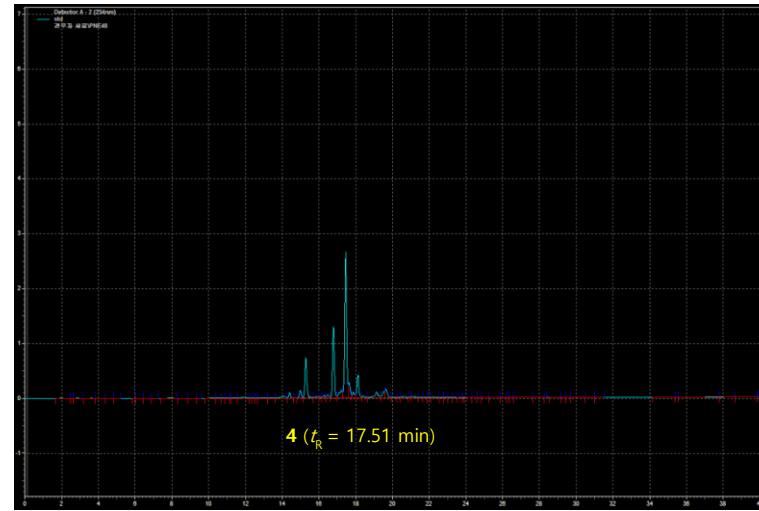
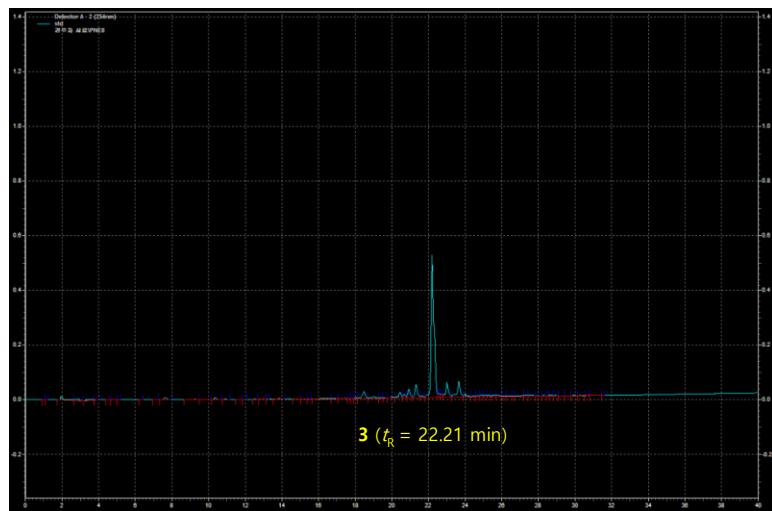
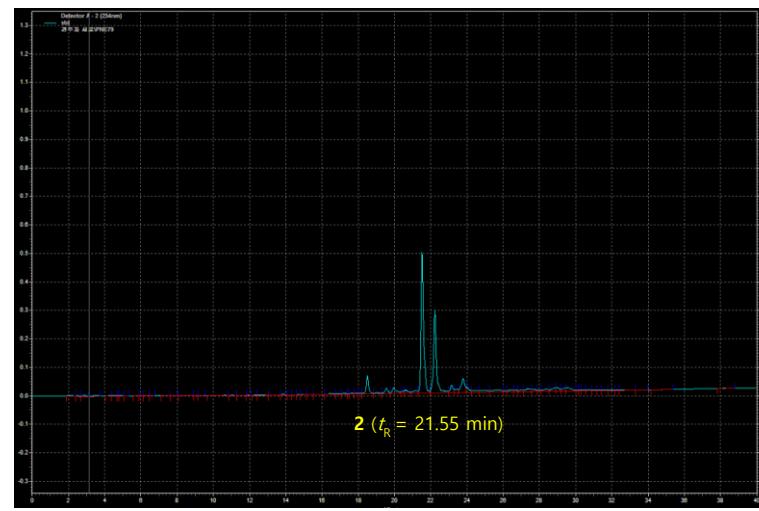
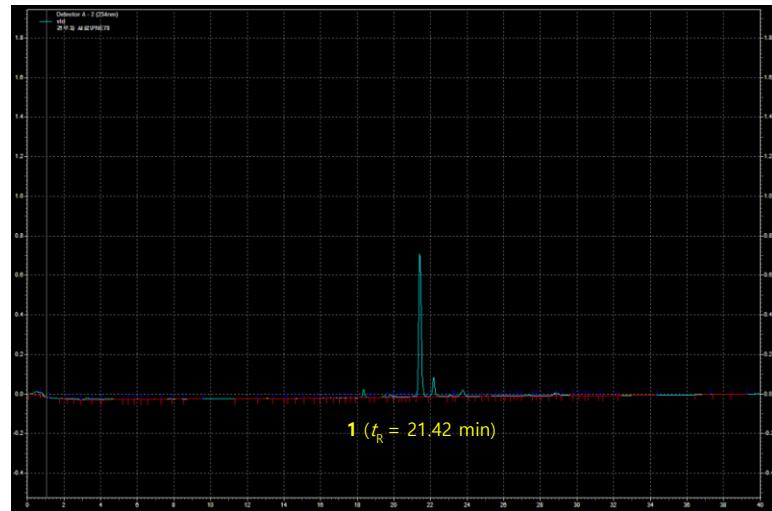


Figure S14. A schematic representation of the isolation and purification of compounds **1-4**

