

Supplementary Materials

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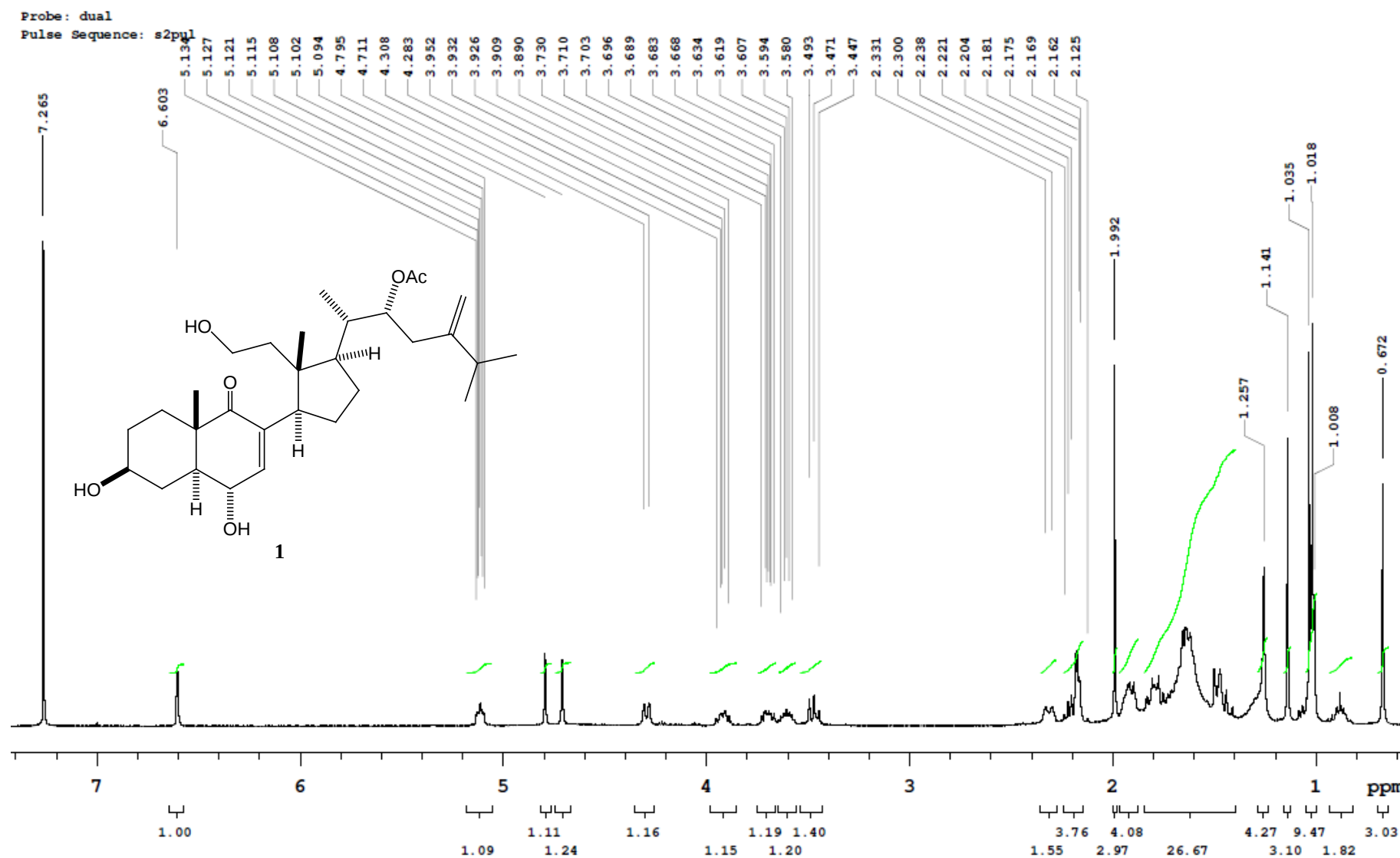
Figure S1. ^1H NMR spectrum (400 MHz) of compound **1** in CDCl_3 .

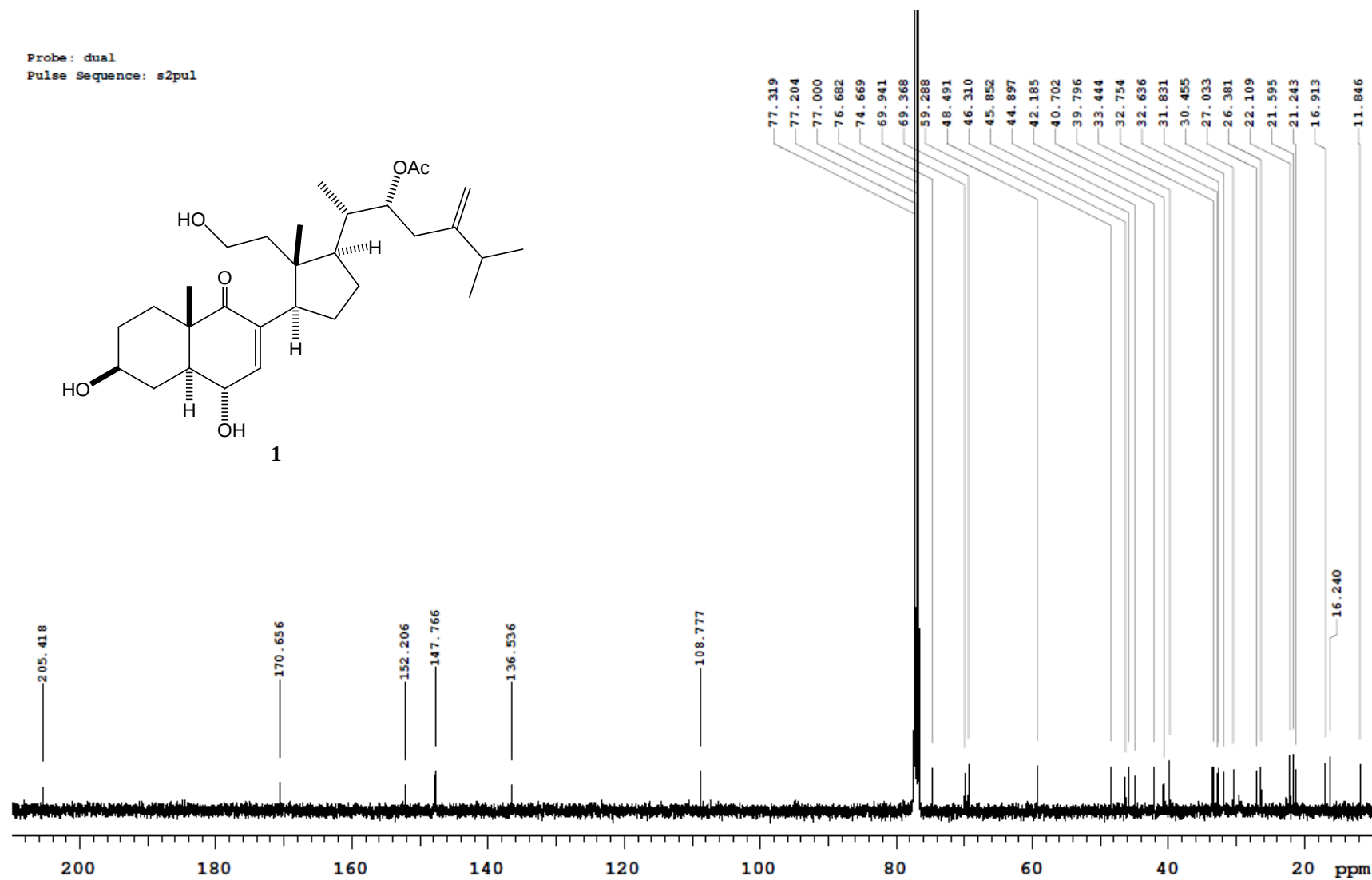
Figure S2. ^{13}C NMR spectrum (100 MHz) of compound **1** in CDCl_3 .

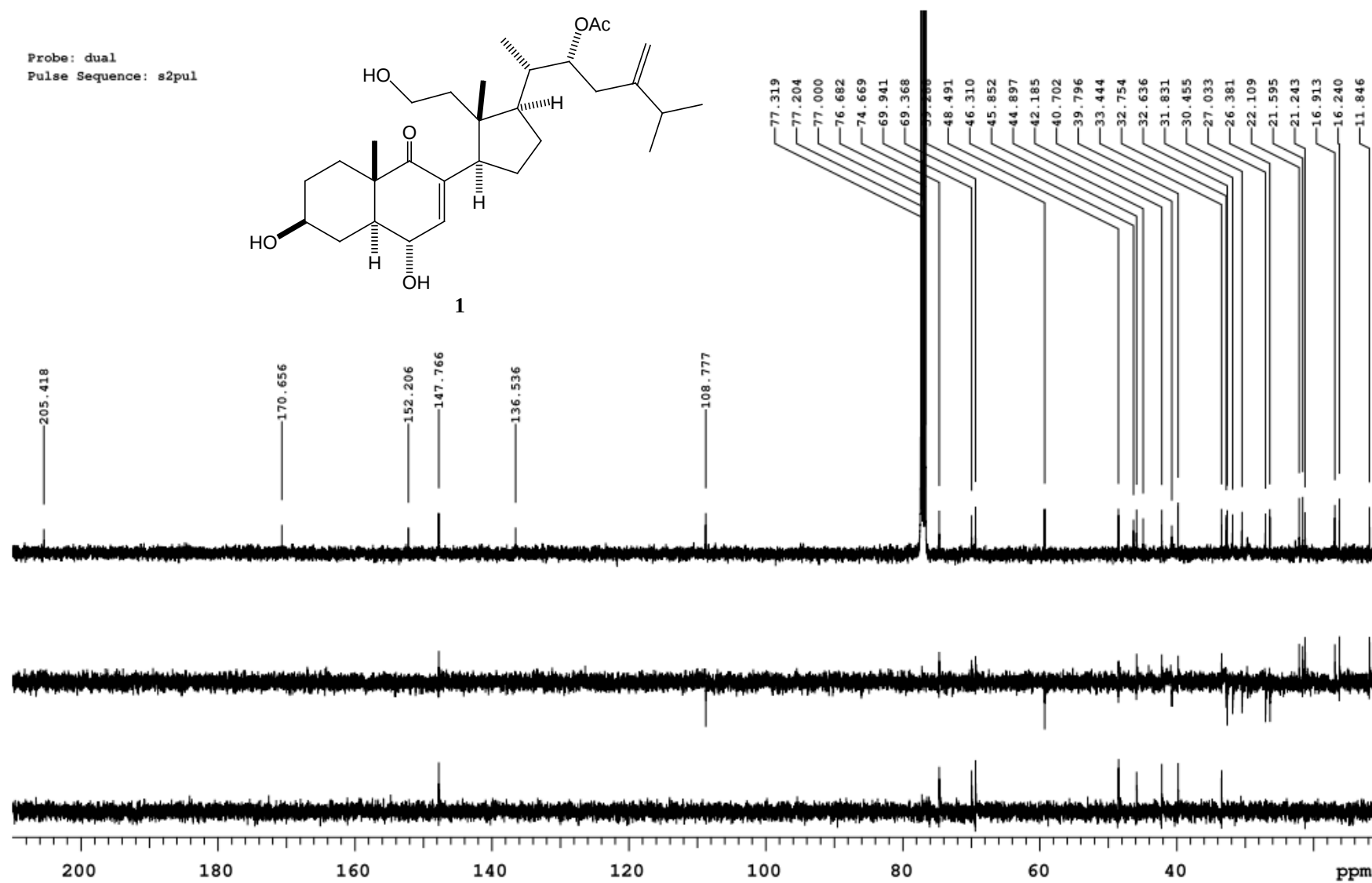
Figure S3. DEPT spectrum (400 MHz) of compound 1 in CDCl₃.

Figure S4. COSY spectrum (400 MHz) of compound **1** in CDCl₃.

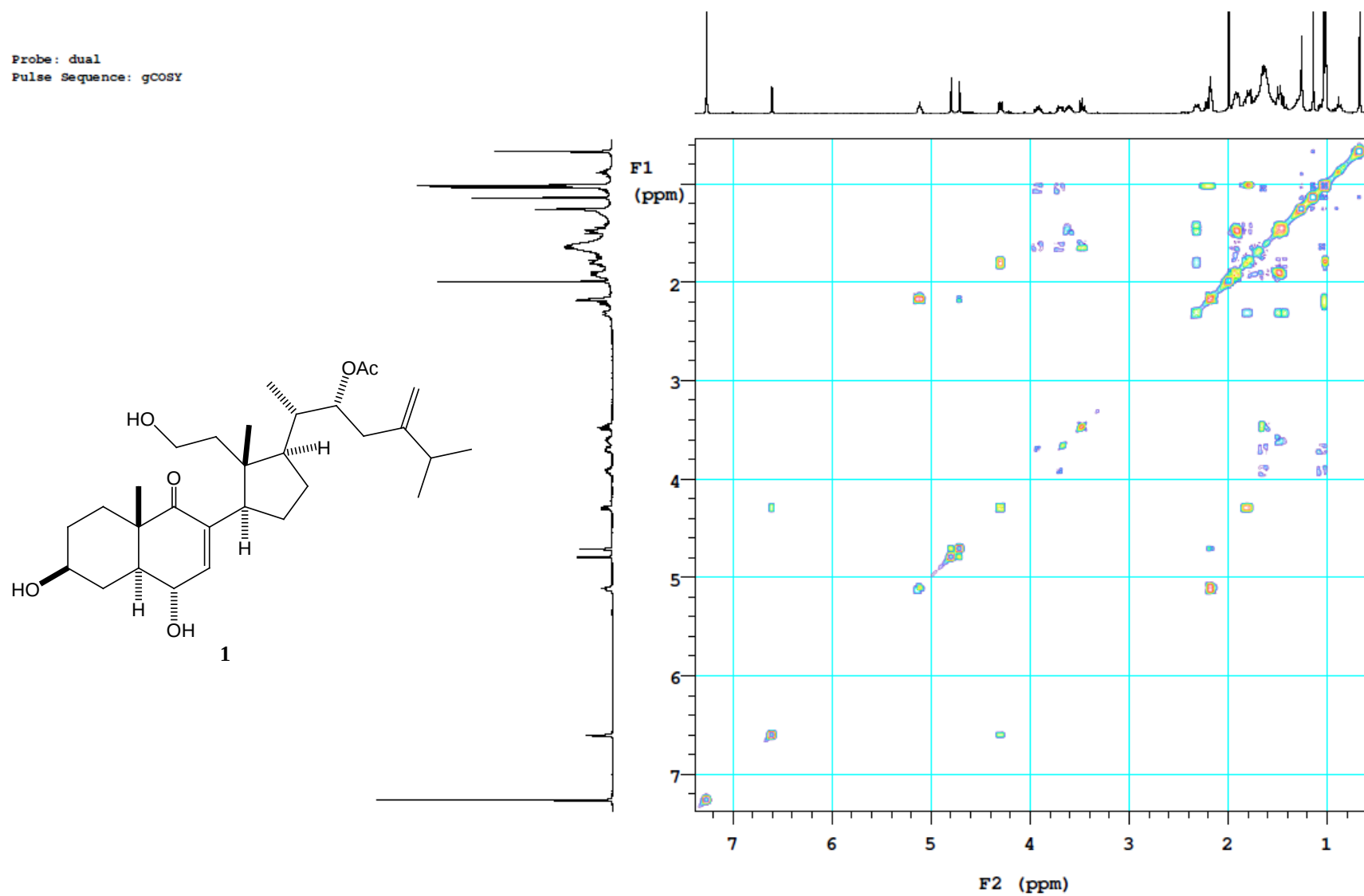


Figure S5. HSQC spectrum (400 MHz) of compound **1** in CDCl₃.

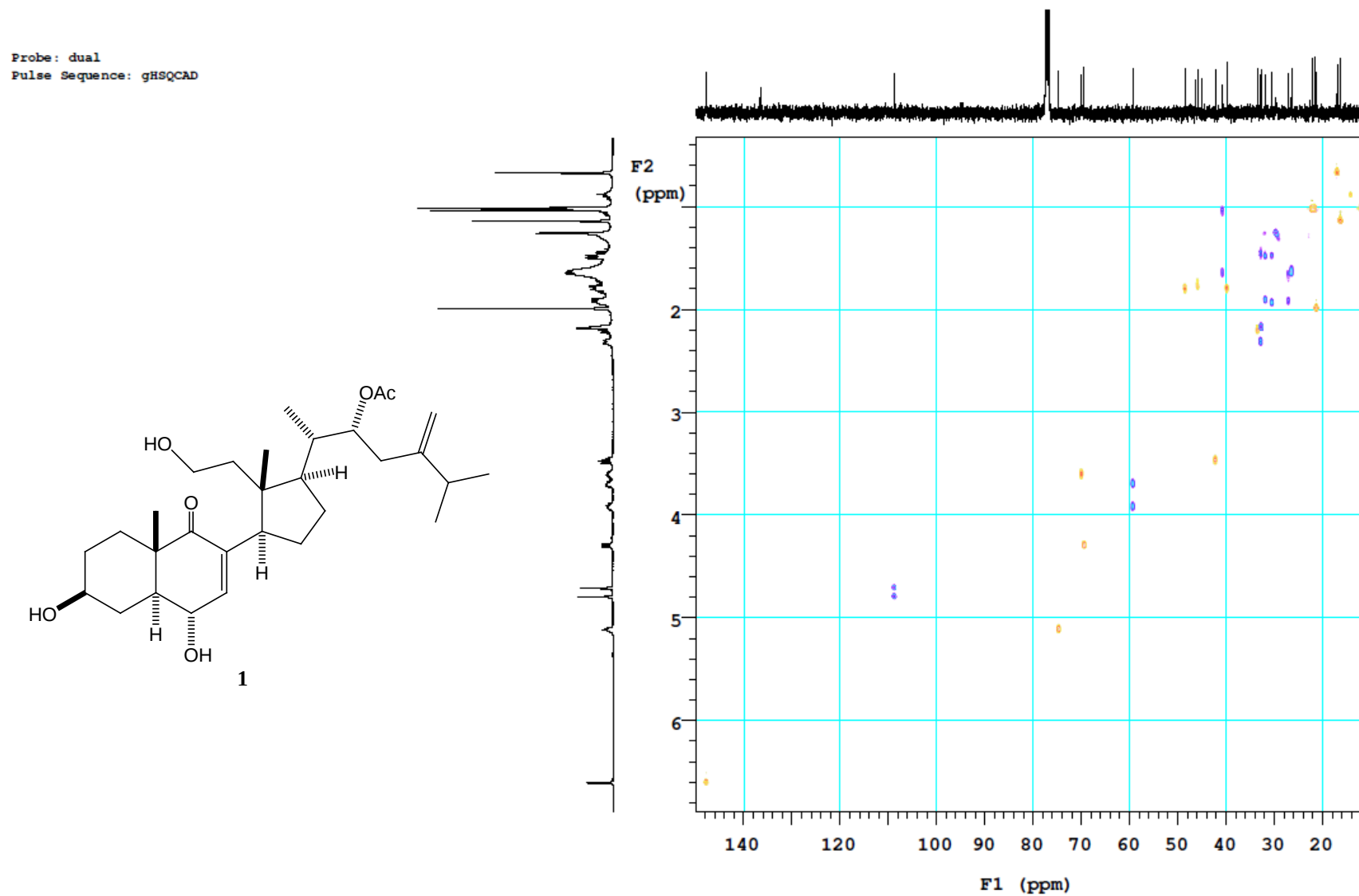


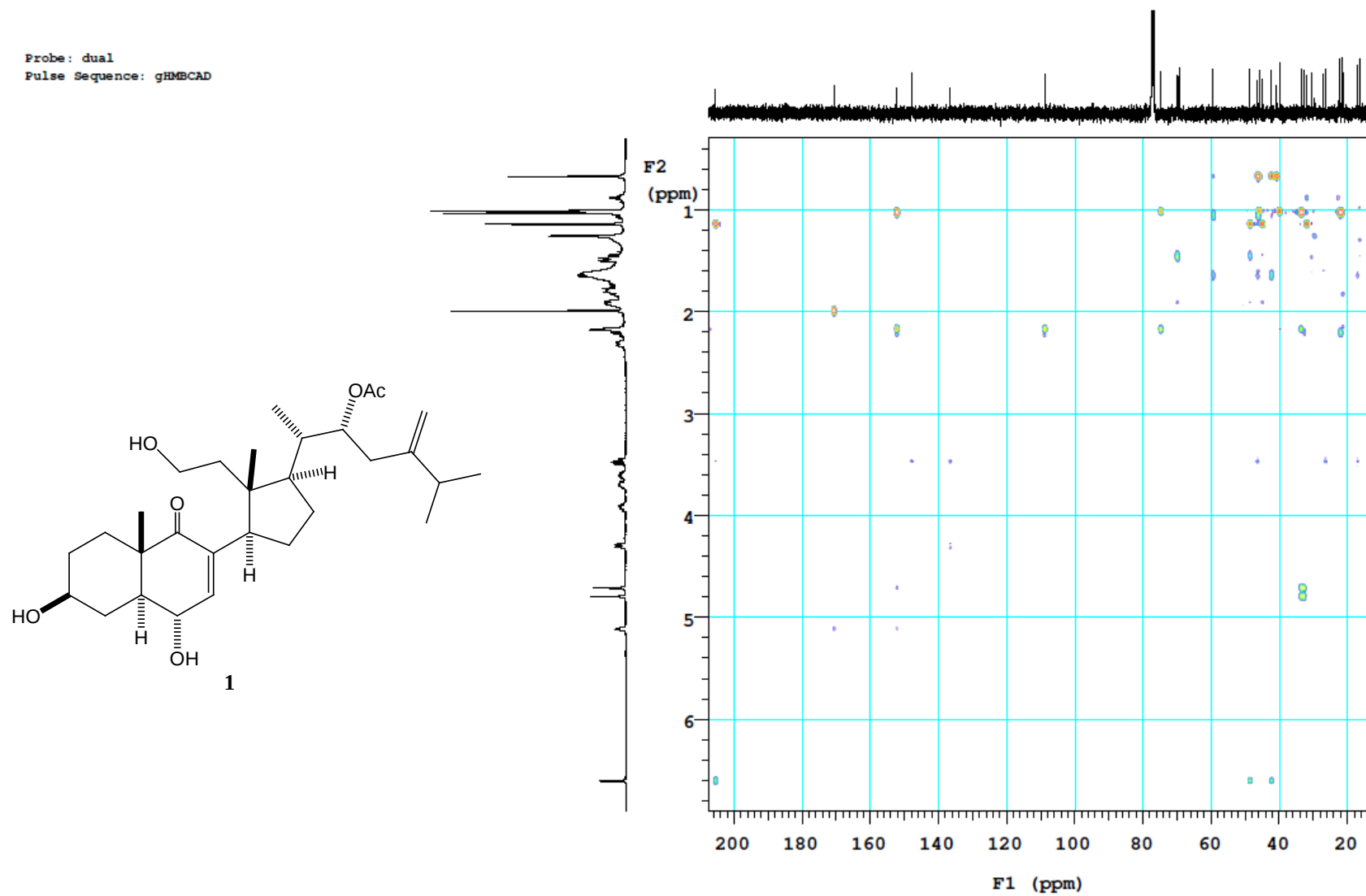
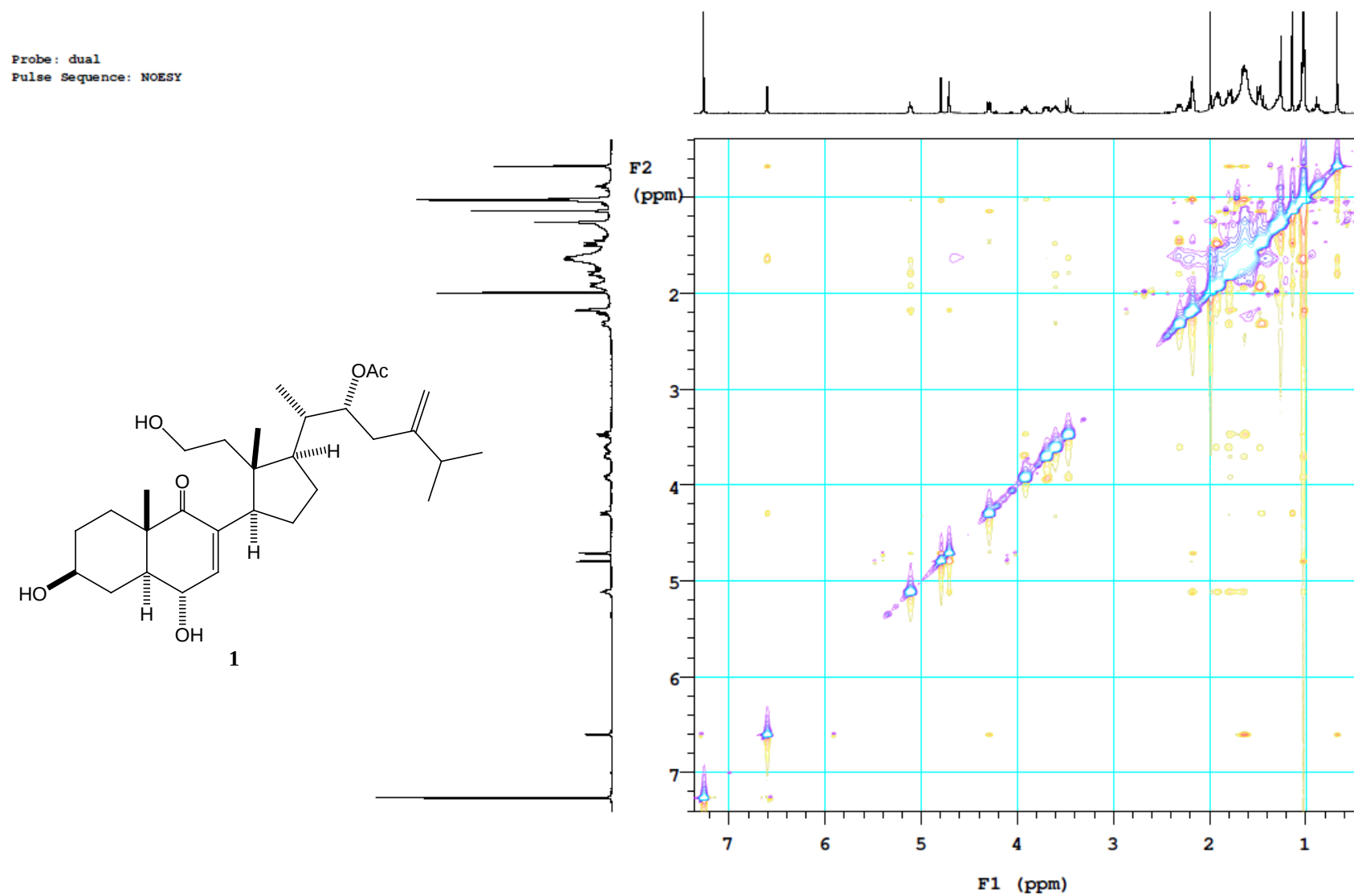
Figure S6. HMBC spectrum (400 MHz) of compound **1** in CDCl₃.

Figure S7. NOESY spectrum (400 MHz) of compound **1** in CDCl₃.

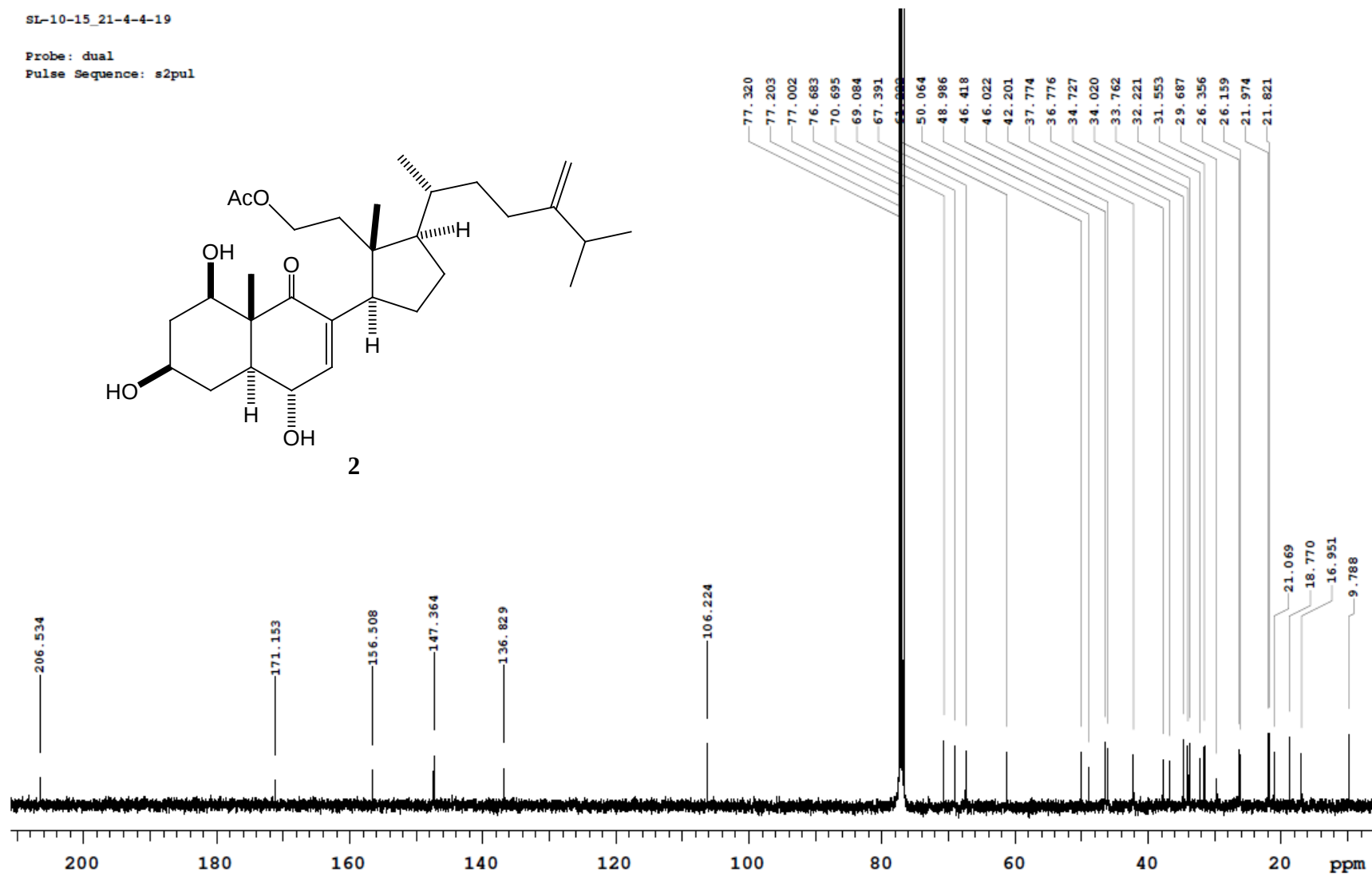
SL-10-15_21-4-4-19

Probe: dual
Pulse Sequence: s2pul

Chemical structure of compound 2 is shown. The structure is a complex polycyclic molecule with multiple stereocenters, including a quaternary carbon with an acetoxy group, a ketone, and several hydroxyl groups.

1H NMR spectrum (400 MHz, CDCl3) of compound 2. The spectrum shows peaks from 0 to 7 ppm. The chemical shifts (ppm) are labeled: 7.265, 6.587, 6.582, 4.732, 4.659, 4.389, 4.366, 4.266, 4.253, 4.239, 4.227, 4.214, 4.201, 4.181, 4.165, 4.155, 4.140, 4.121, 3.888, 3.877, 3.858, 3.847, 3.741, 3.725, 3.713, 3.702, 3.281, 3.254, 3.230, 3.686, 3.673, 2.010, 1.256, 1.177, 1.041, 1.036, 1.030, 1.024, 1.019, 1.014, 0.686.

Integration values are shown below the peaks: 1.00, 1.07, 1.05, 3.34, 1.12, 1.21, 1.08, 1.68, 3.24, 4.04, 21.48, 2.91, 2.91, 2.91, 3.82, 9.27, 2.81.

Figure S9. ^{13}C NMR spectrum (100 MHz) of compound **2** in CDCl_3 .

SL-10-15 21-4-4-19

Probe: dual

Pulse Sequence: gCOSY

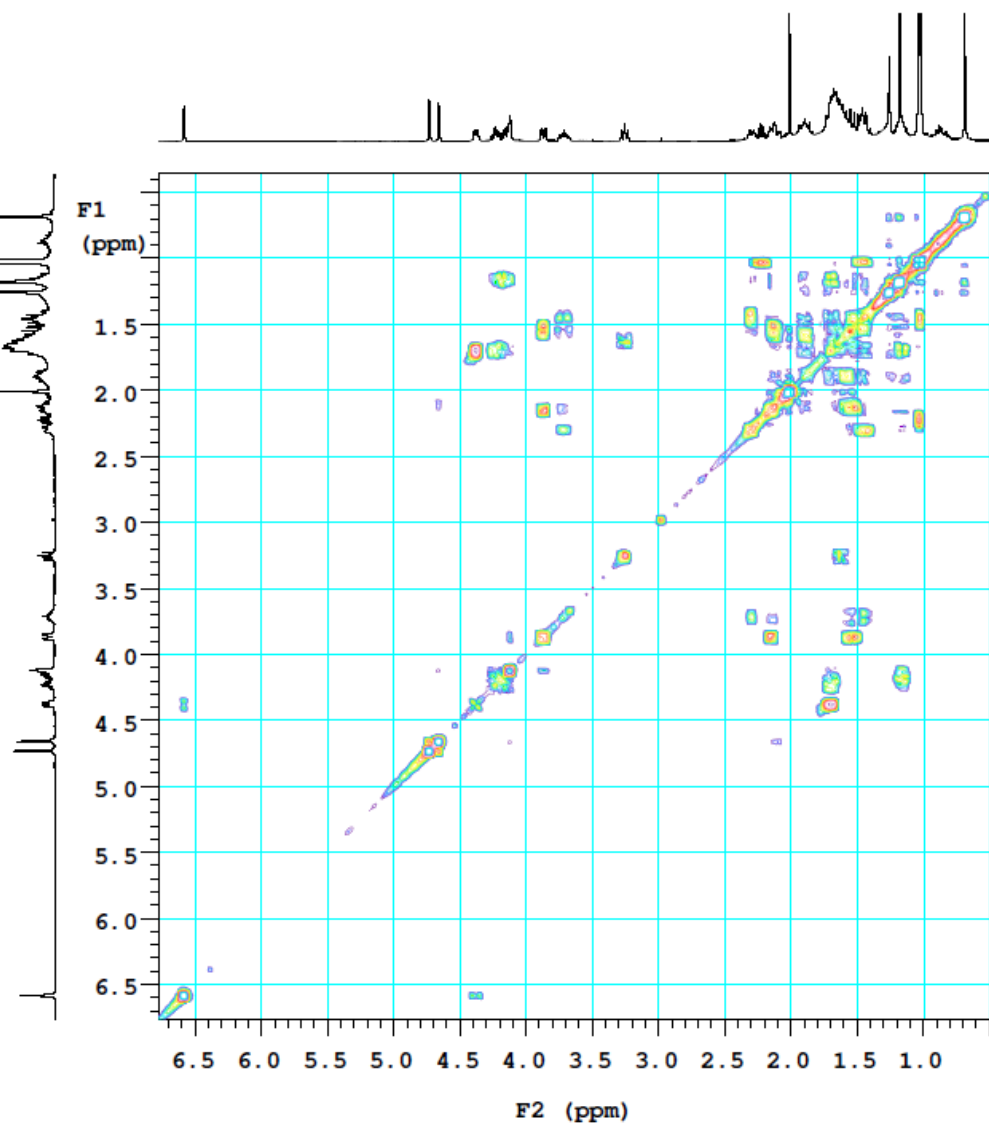
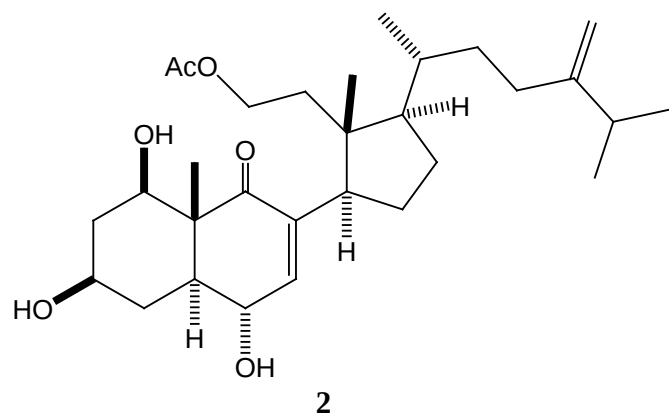


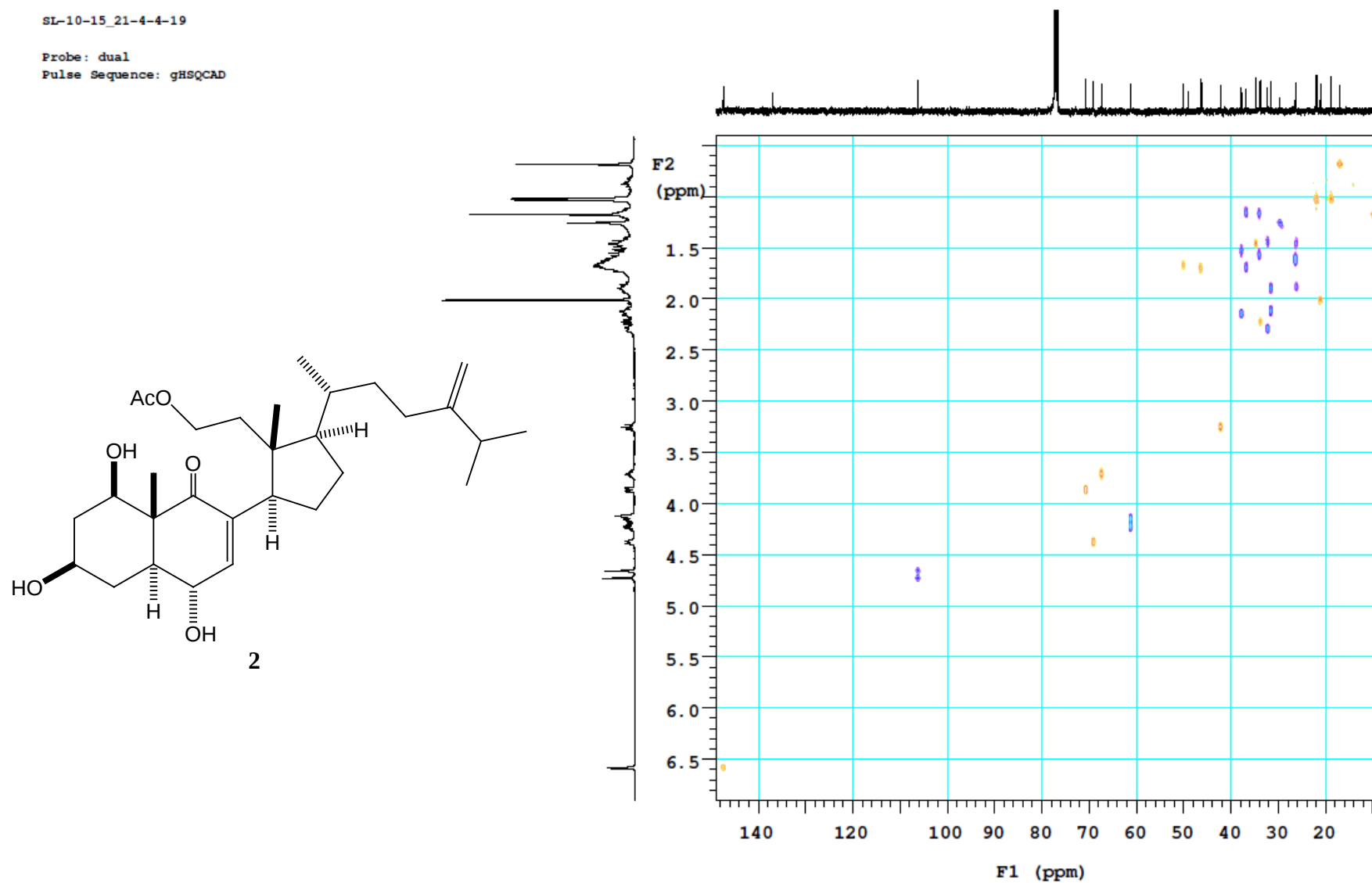
Figure S11. HSQC spectrum (400 MHz) of compound **2** in CDCl₃.

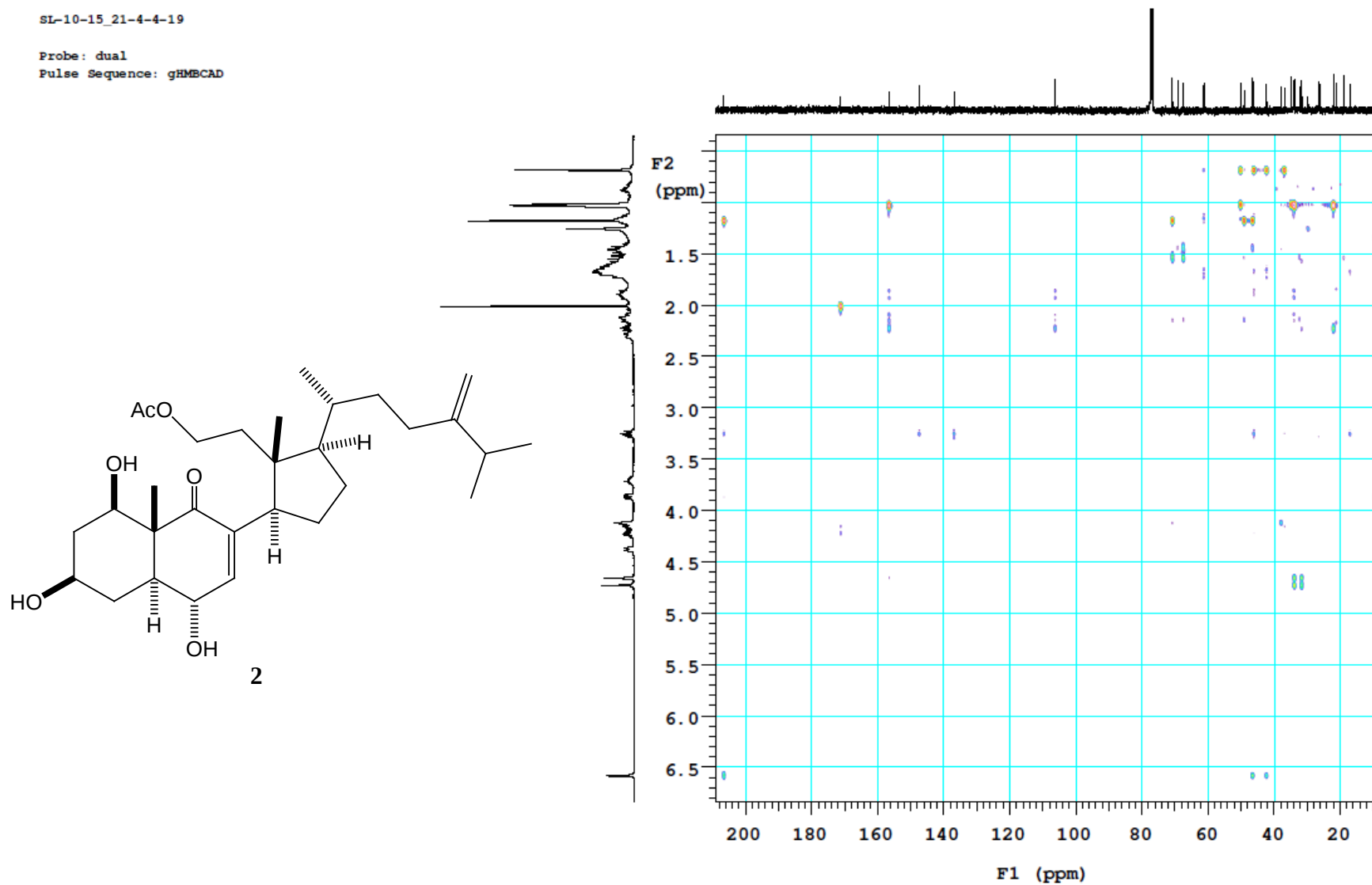
Figure S12. HMBC spectrum (400 MHz) of compound **2** in CDCl₃.

Figure S13. NOESY spectrum (400 MHz) of compound **2** in CDCl₃.