

## Supplementary Materials

**Table S1.** Optical rotation and melting point of Nature PB-II, Synthetic PB-II and Compound 1.

	Nature PB-II	Synthetic PB-II	Compound 1
$[\alpha]_D^{25}$	−2.9 ( <i>c</i> 0.29, Py)	−27.5 ( <i>c</i> 0.49, MeOH)	−38.5 ( <i>c</i> 0.52, MeOH)
Mp	259.0–262.0 °C	260.2–262.3 °C	210.4–213.8 °C

**Table S2.**  $^1\text{H}$ -NMR data of Nature PB-II, Synthetic PB-II and Compound 1.

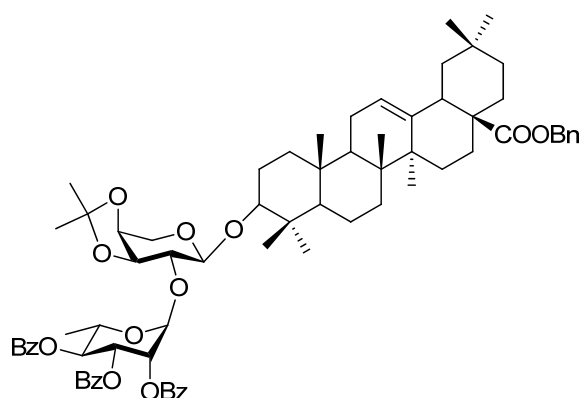
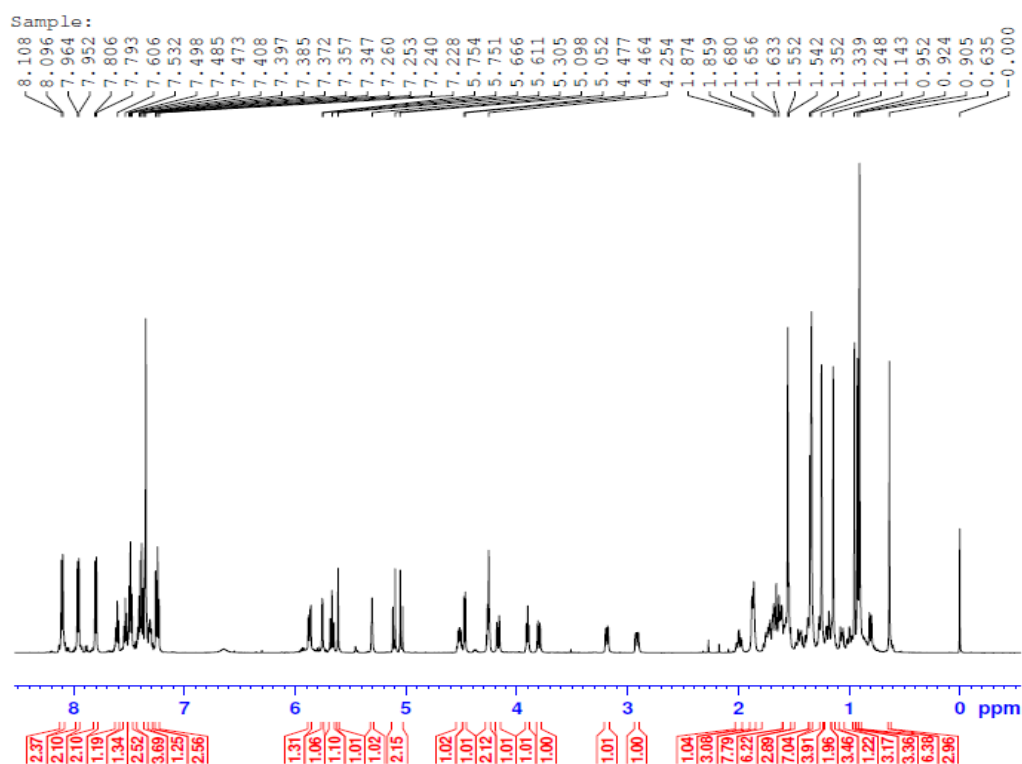
Hydro No	Nature PB-II	Synthetic PB-II	Compound 1
Ara-H1	4.85 (d, <i>J</i> = 5.1 Hz)	4.87 (d, <i>J</i> = 5.4 Hz)	5.51 (s)
Rha-H1	6.11 (brs)	6.20 (brs)	5.87 (brs)
Glu-H1	5.08 (d, <i>J</i> = 7.7 Hz)	5.13(d, <i>J</i> = 7.8 Hz)	4.98 (d, <i>J</i> = 7.8 Hz)

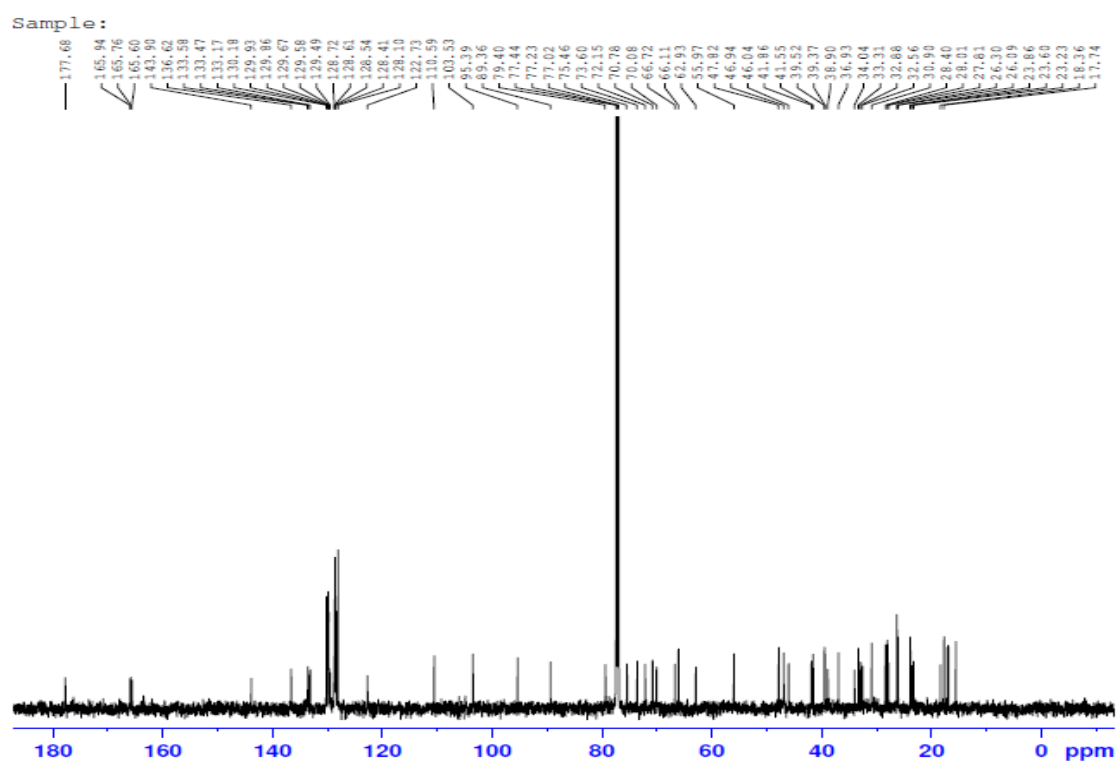
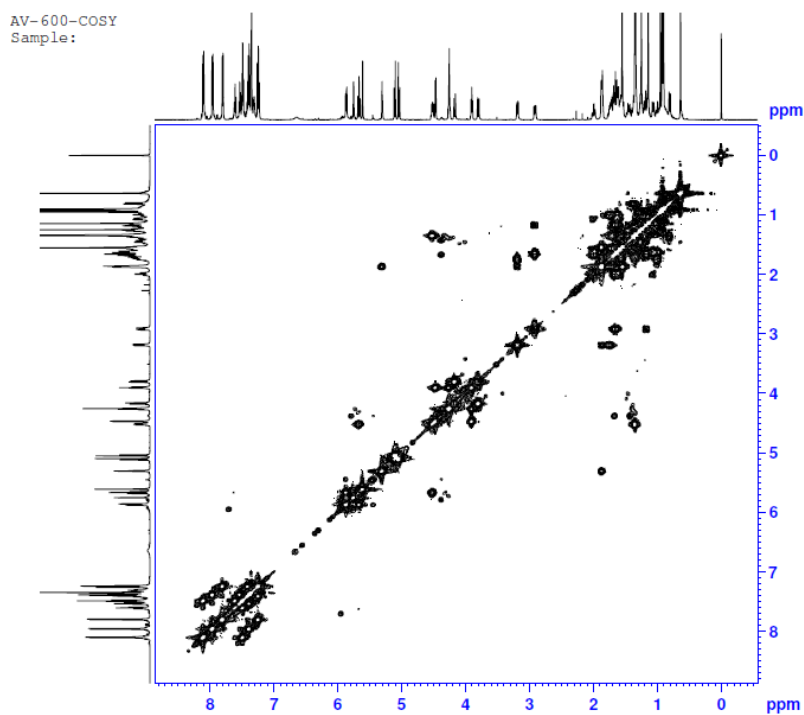
**Table S3.**  $^{13}\text{C}$ -NMR data of Nature PB-II, Synthetic PB-II and Compound 1.

Carbon No	Nature product	Synthetic product	Compound 1
Ara			
C-1	104.8	104.1	109.6
C-2	74.8	74.5	88.6
C-3	82.2	82.0	78.4
C-4	68.1	67.9	82.3
C-5	64.9	64.8	70.6
Rha			
C-1	101.9	101.7	101.5
C-2	72.3	72.3	72.9
C-3	72.5	72.3	72.8
C-4	73.9	73.7	74.3
C-5	70.0	69.8	70.6
C-6	18.6	18.2	
Glu			
C-1	104.7	104.1	105.4
C-2	74.9	74.7	75.4
C-3	78.2	78.3	78.9
C-4	71.4	71.2	71.9
C-5	76.5	78.0	78.8
C-6	62.5	62.3	63.0

<sup>1</sup>H-, <sup>13</sup>C- and 2D-NMR data for compounds 1, 6-9, 11-13, PB-II

Figure S1. Structure of compound 6.

Figure S2. <sup>1</sup>H-NMR of compound 6.

**Figure S3.**  $^{13}\text{C}$ -NMR of compound 6.**Figure S4.** COSY of compound 6.

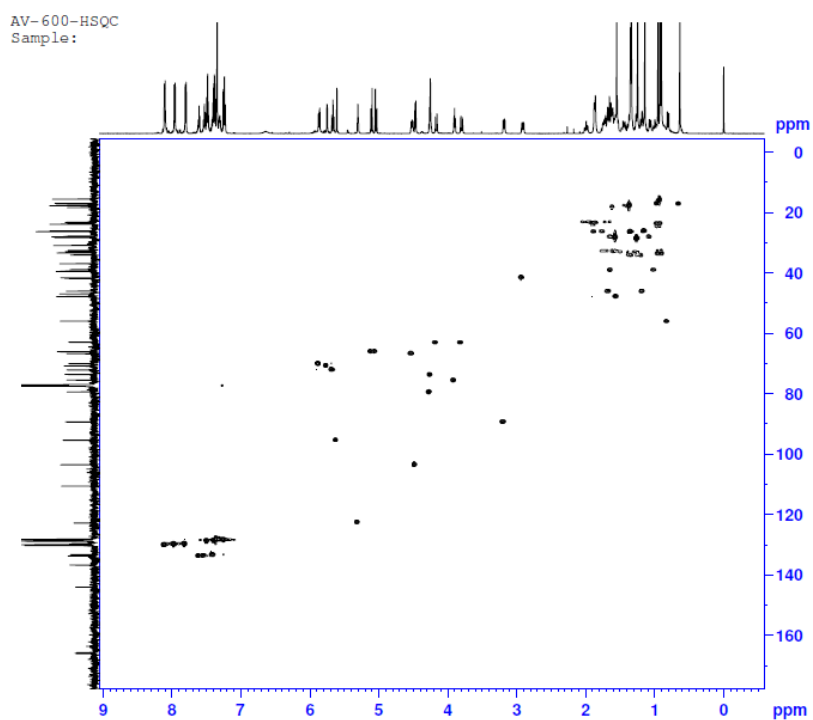
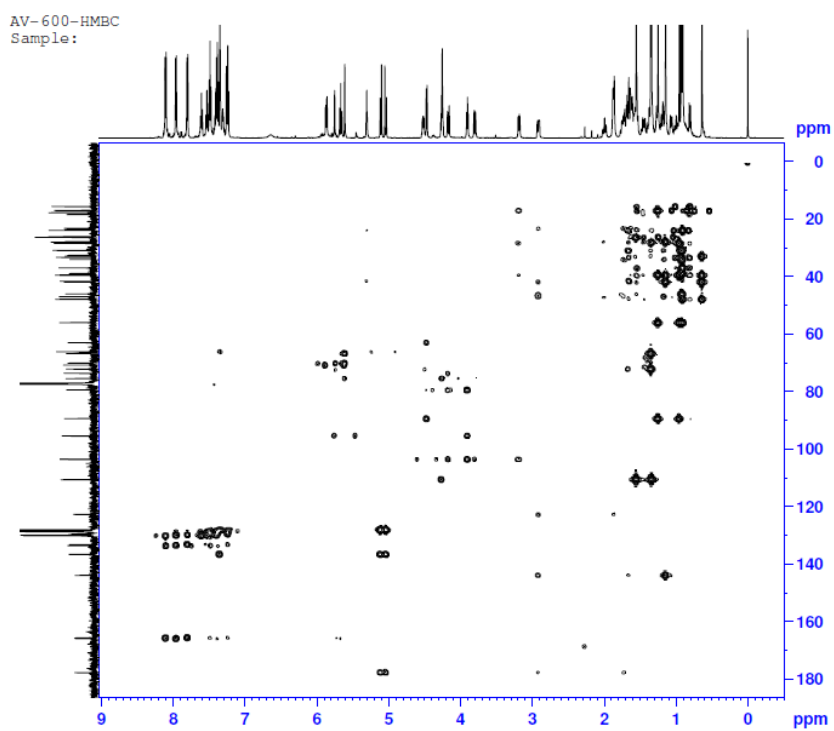
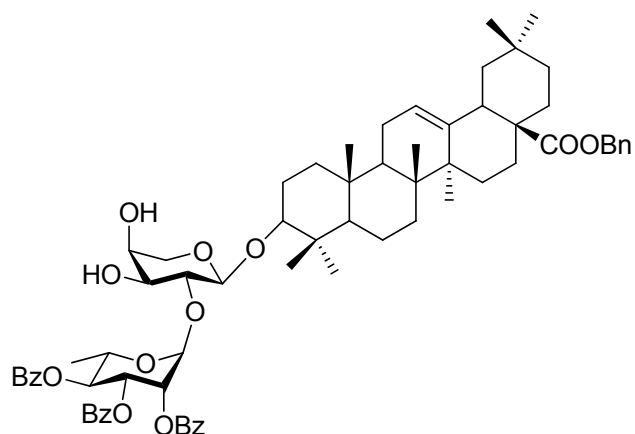
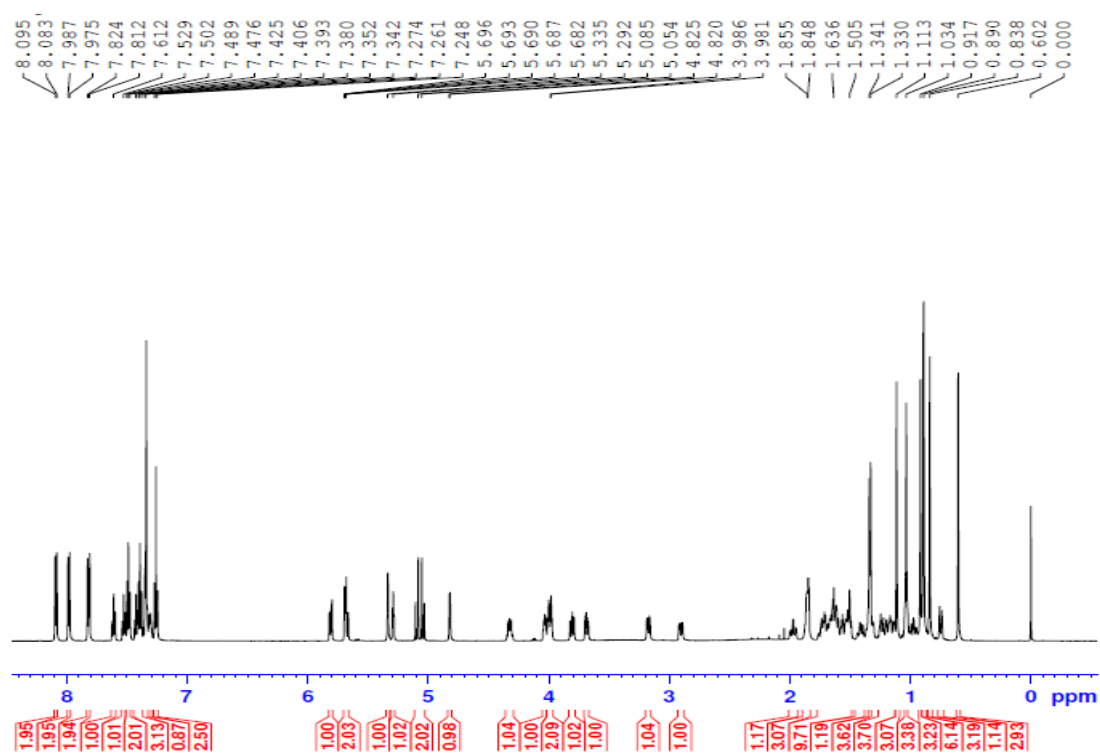
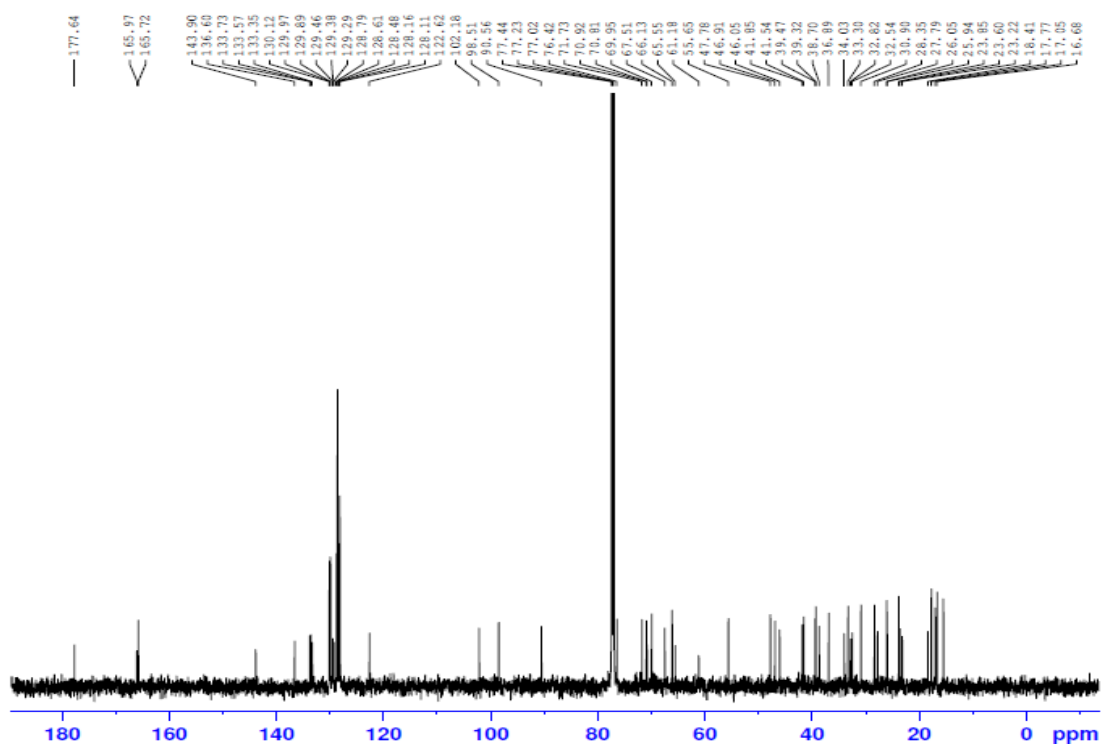
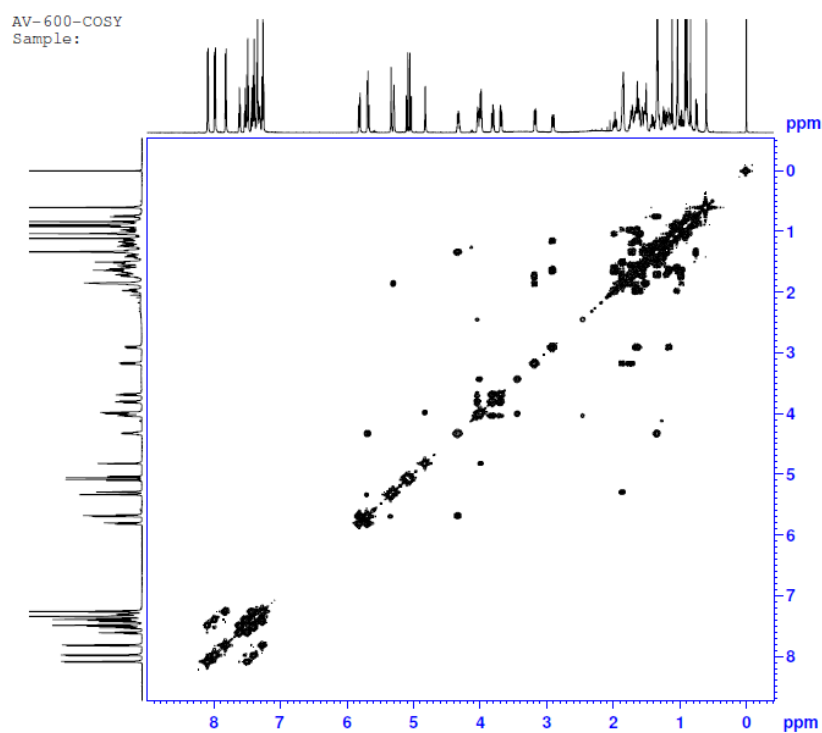
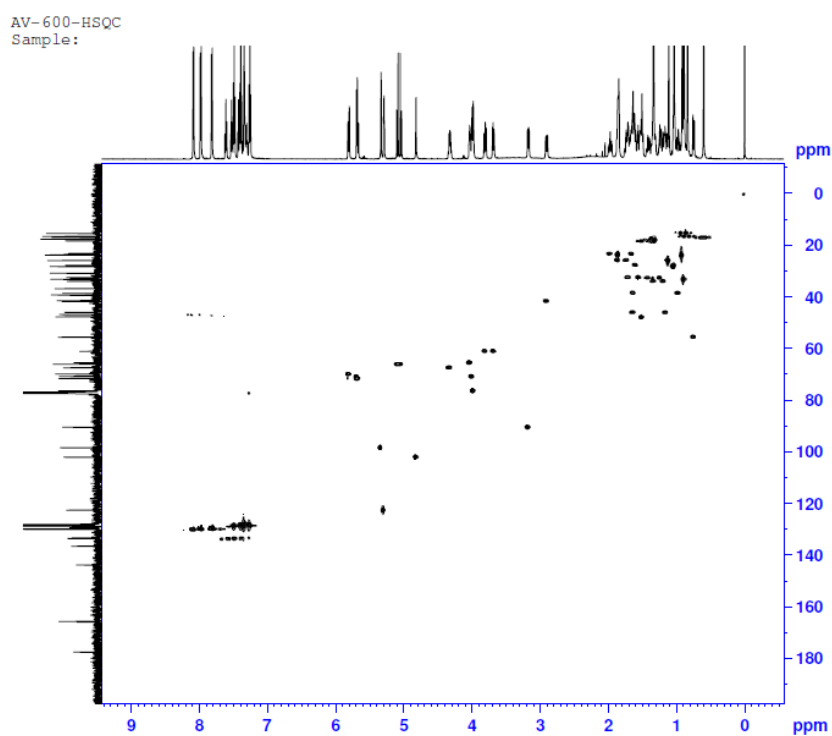
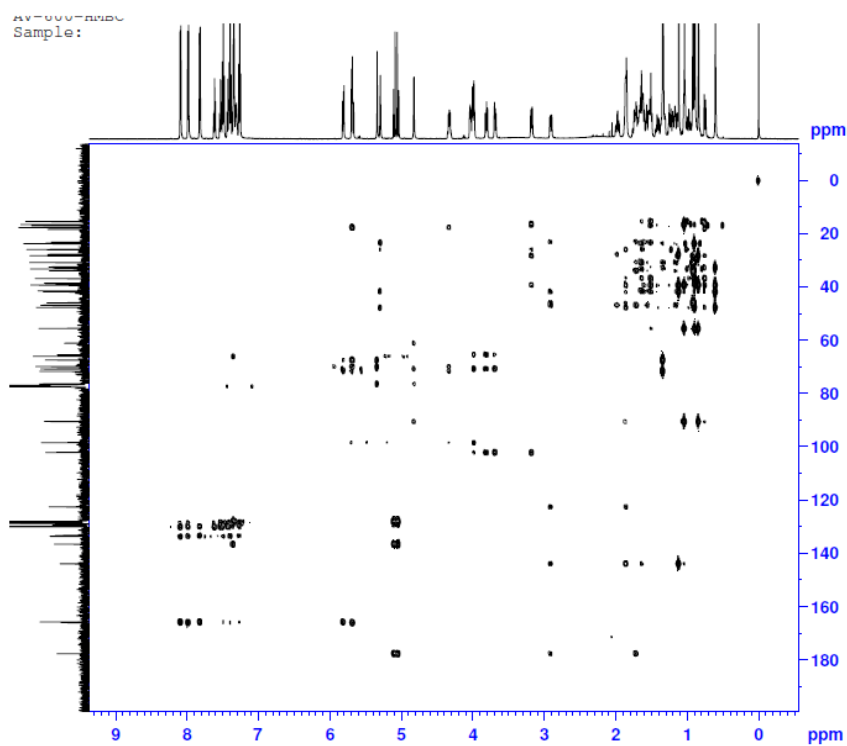
**Figure S5.** HSQC compound 6.**Figure S6.** HMBC compound 6.

Figure S7. Structure of compound 7.

Figure S8.  $^1\text{H}$ -NMR of compound 7.

**Figure S9.**  $^{13}\text{C}$ -NMR of compound 7.**Figure S10.** COSY of compound 7.

**Figure S11.** HSQC of compound 7.**Figure S12.** HMBC of compound 7.

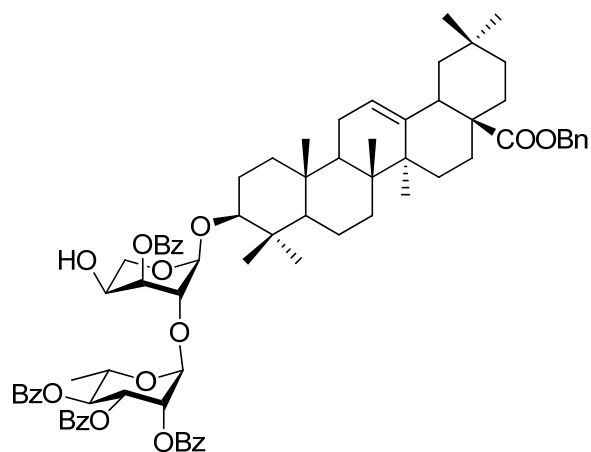
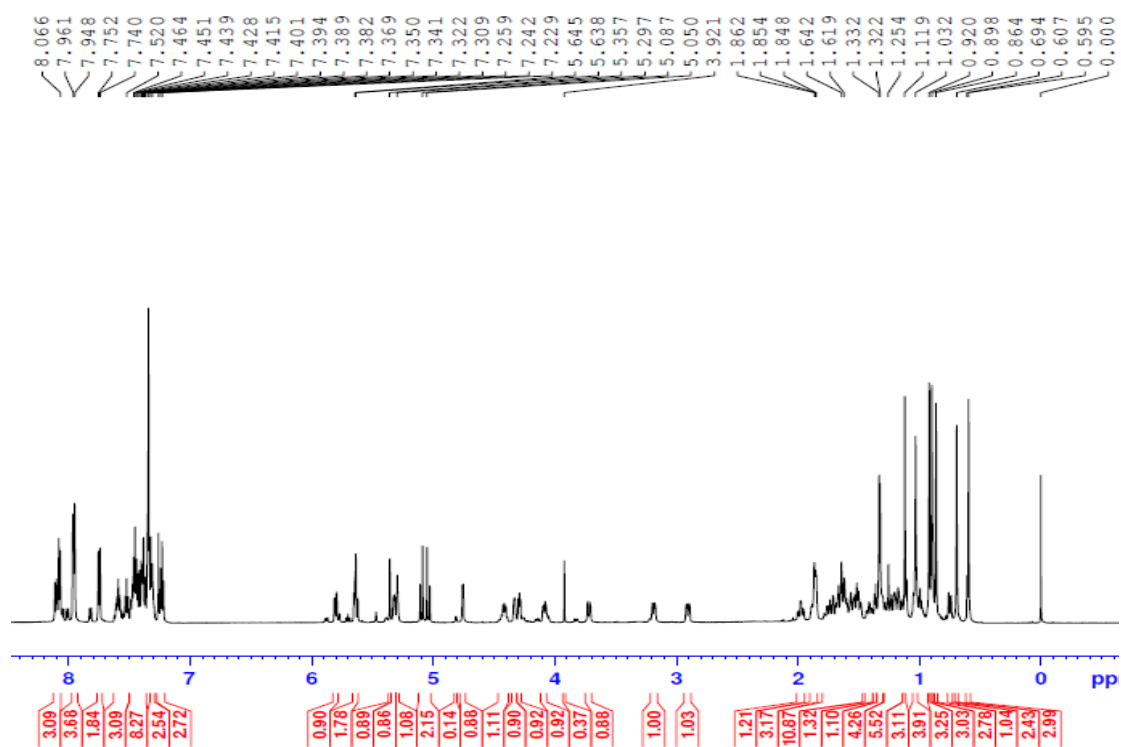
**Figure S13.** Structure of compound **8**.**Figure S14.**  $^1\text{H}$ -NMR of compound **8**.



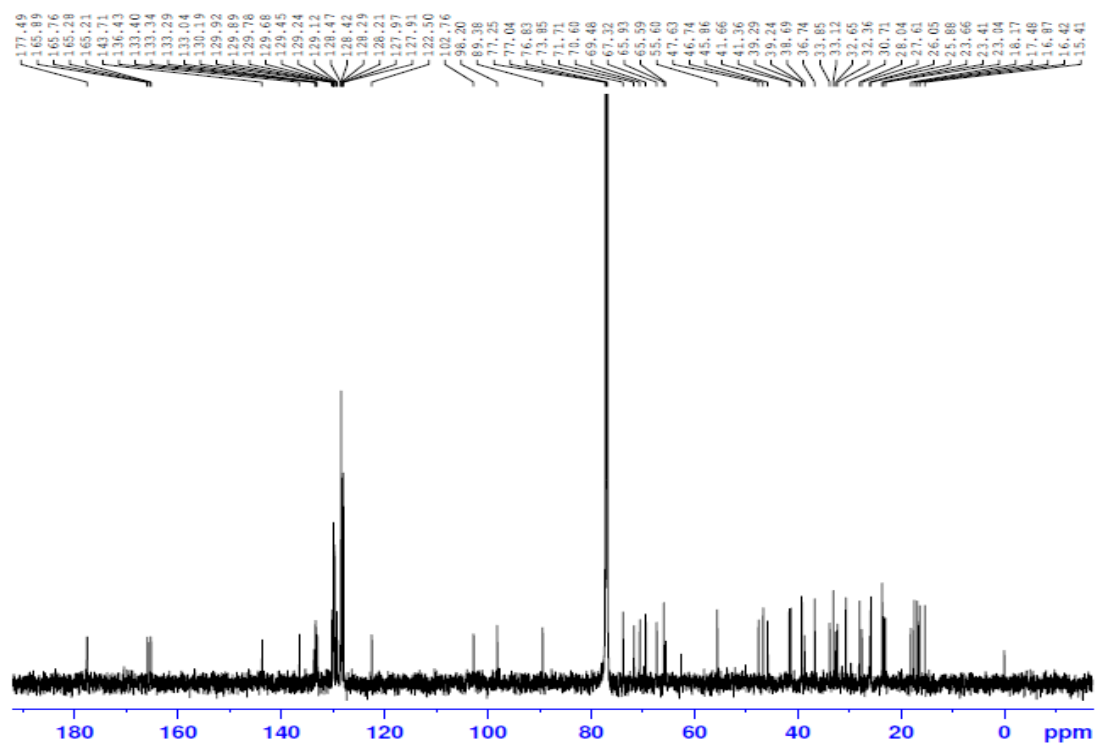
Figure S15.  $^{13}\text{C}$ -NMR of compound 8.

Figure S16. COSY of compound 8.

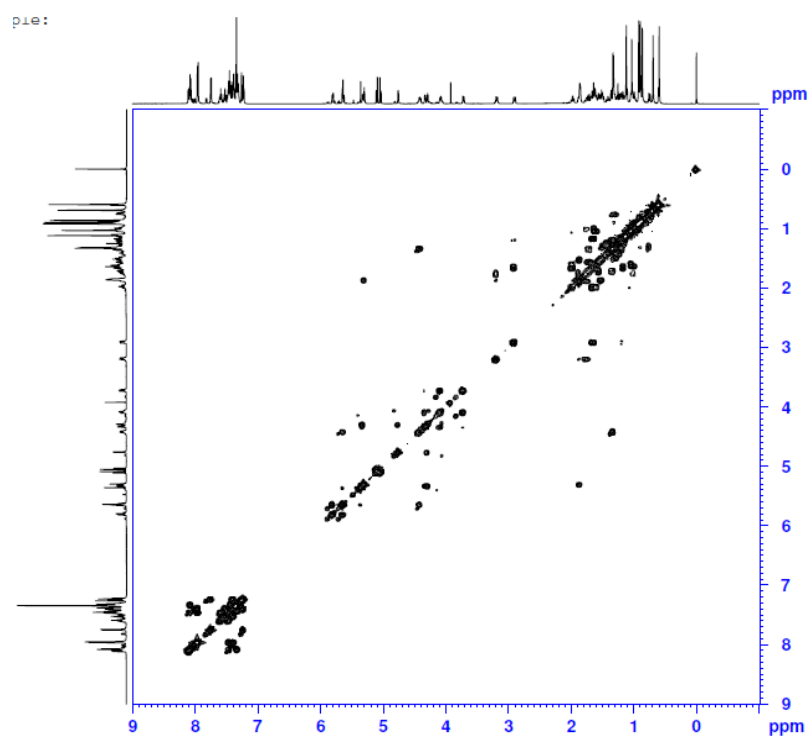


Figure S17. HSQC of compound 8.

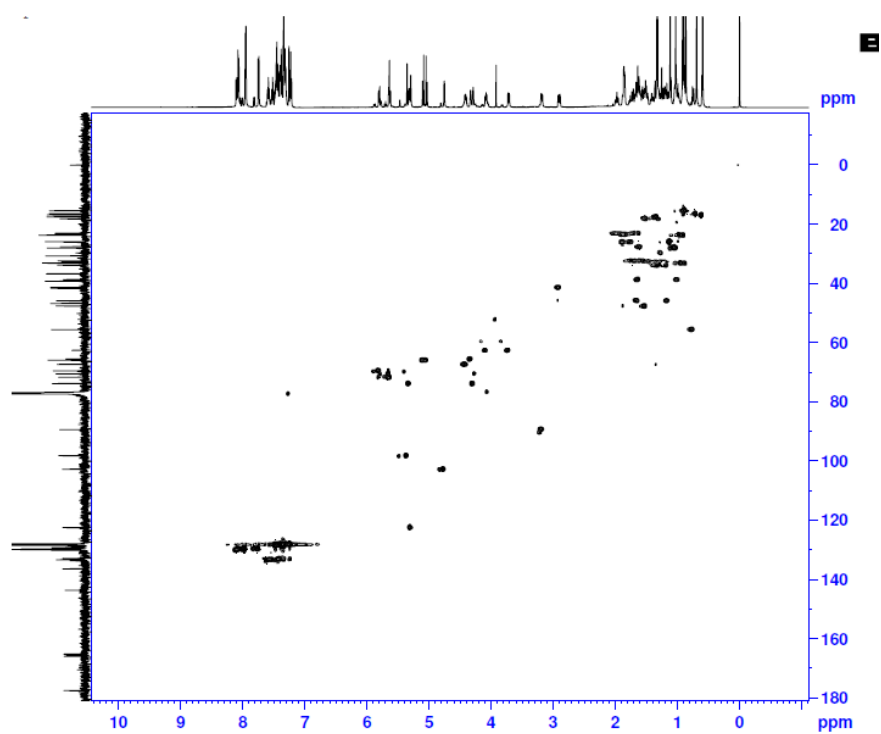


Figure S18. HMBC of compound 8.

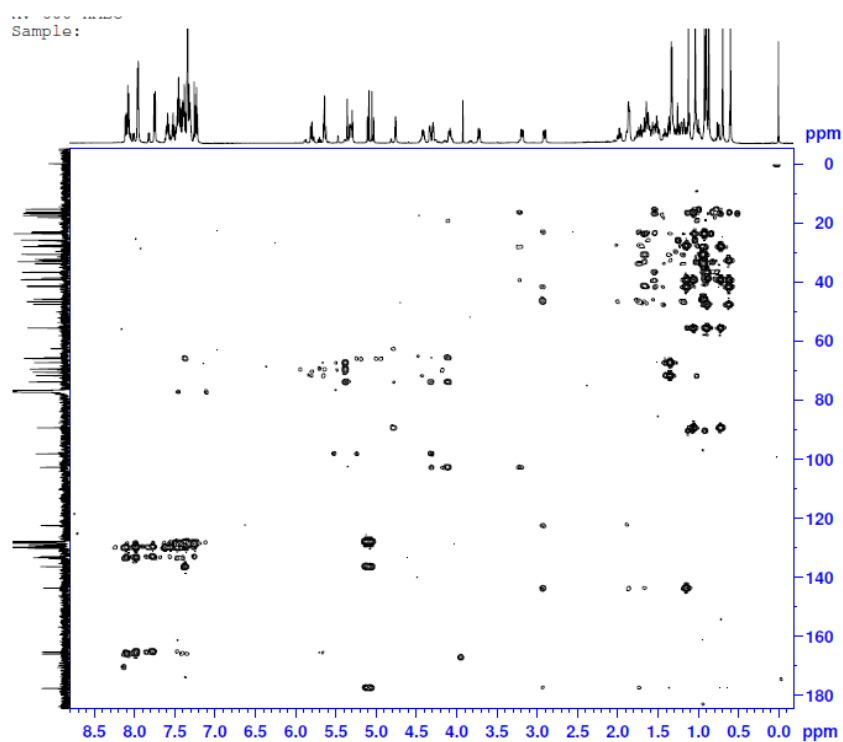


Figure S19. Structure of compound 9.

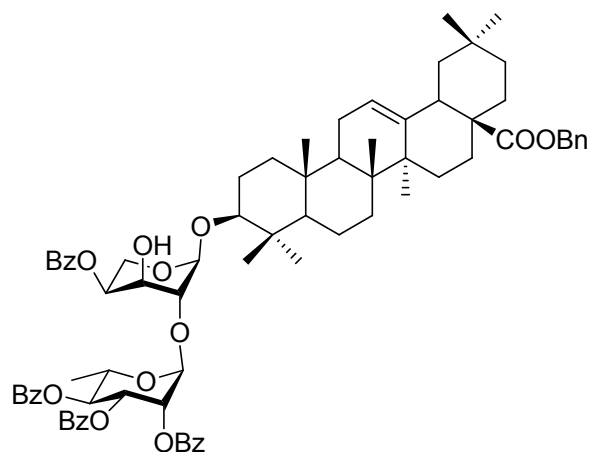
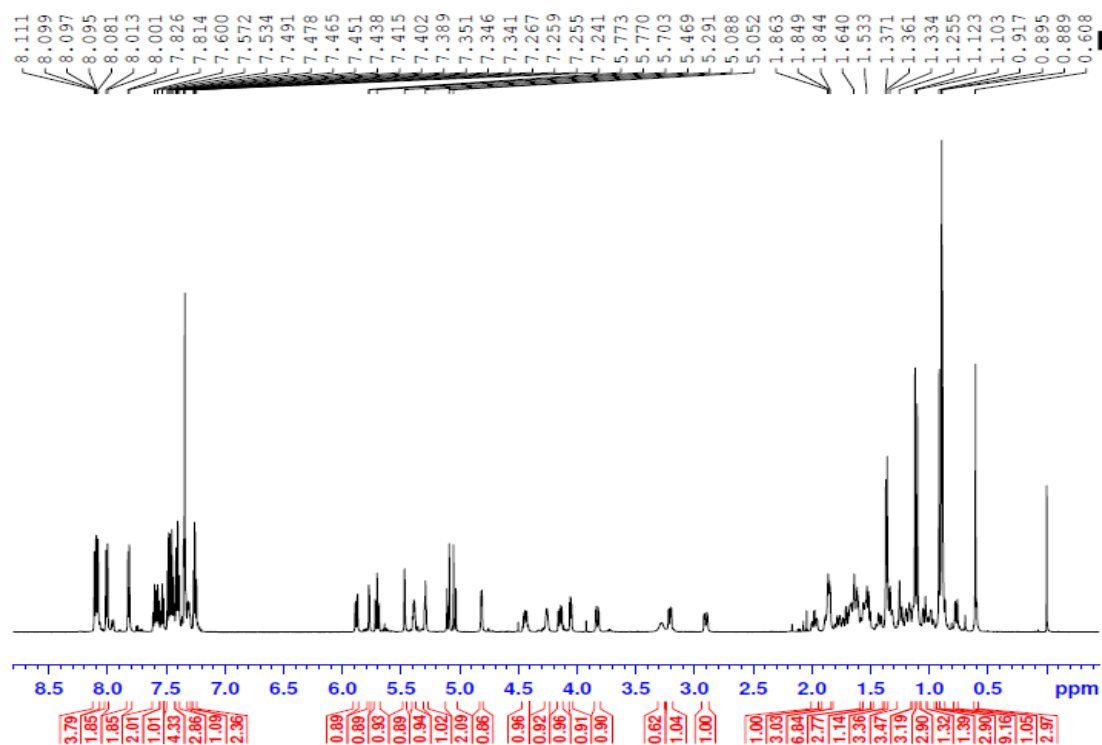
Figure S20. <sup>1</sup>H-NMR of compound 9.

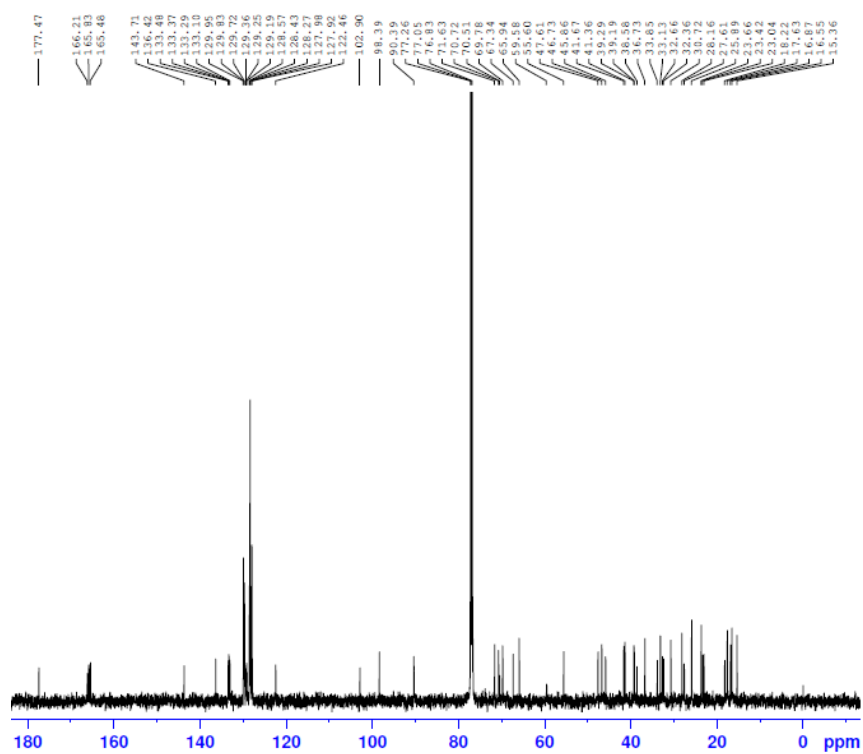
Figure S21.  $^{13}\text{C}$ -NMR of compound 9.

Figure S22. COSY of compound 9.

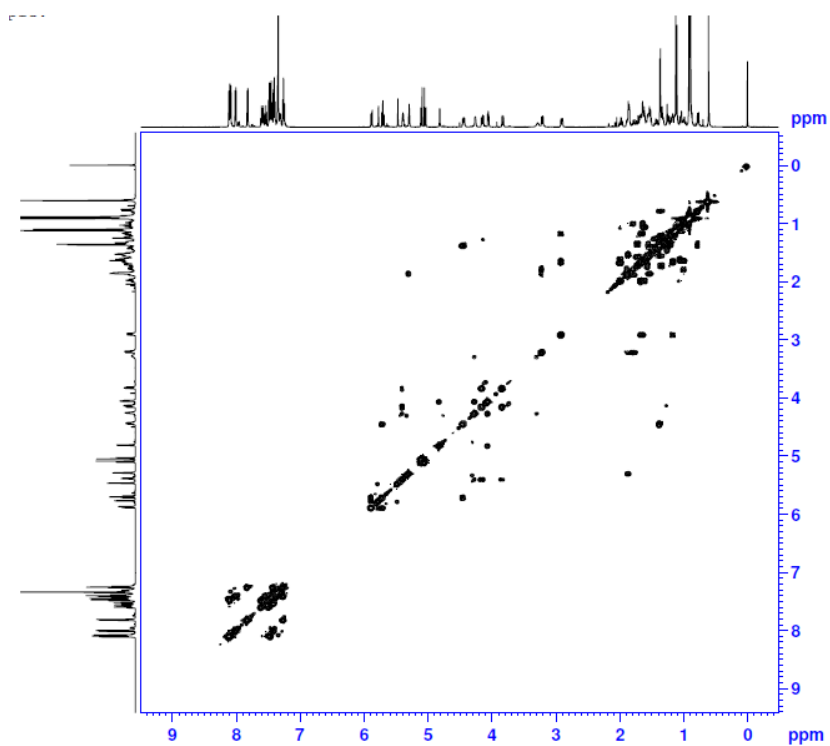


Figure S23. HSQC of compound 9.

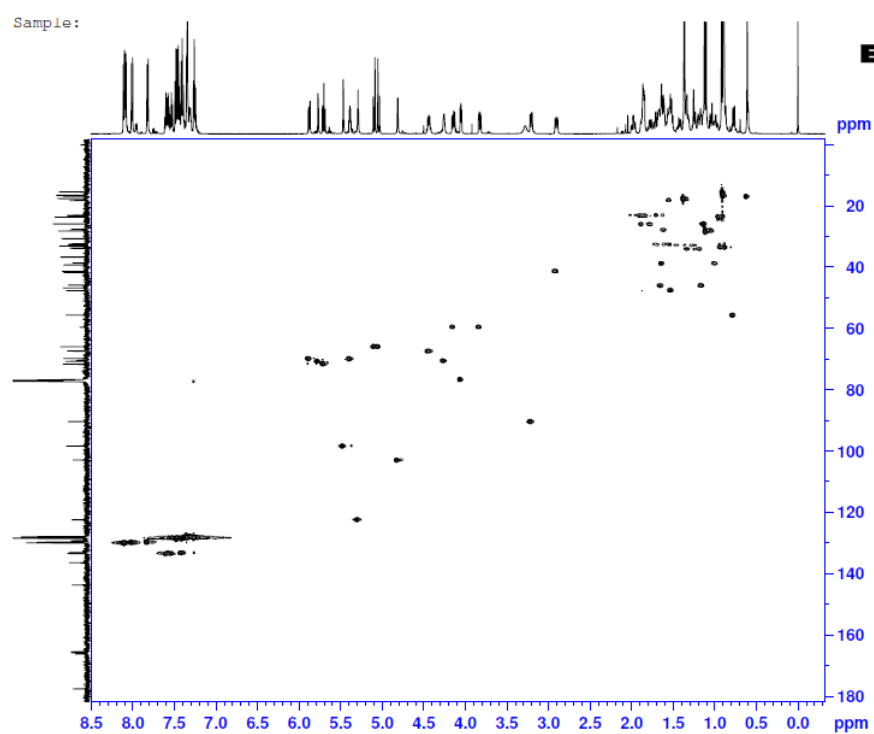
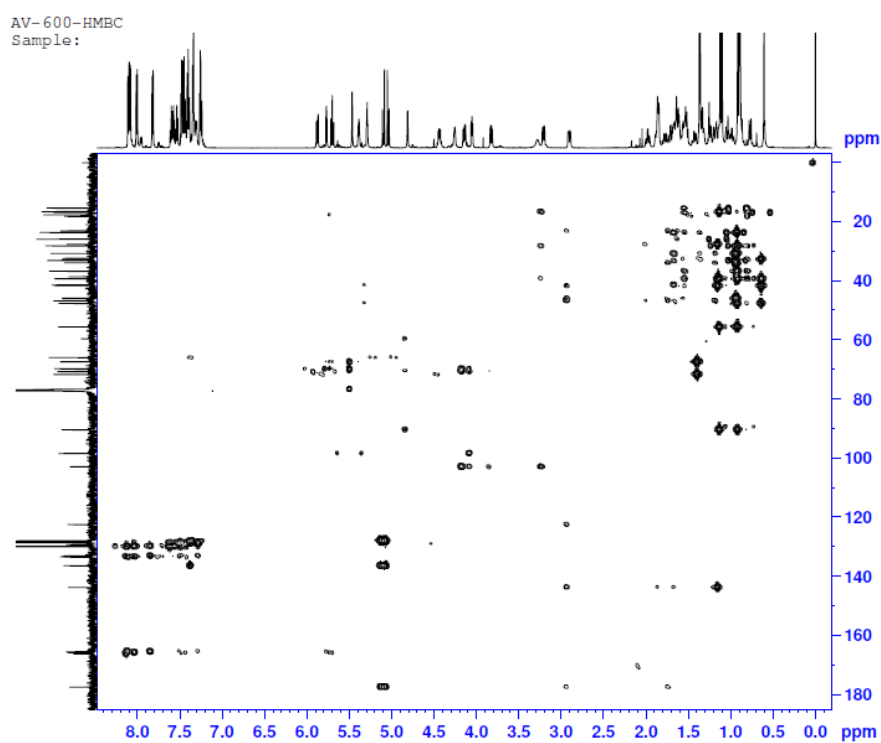


Figure S24. HMBC of compound 9.



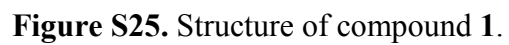
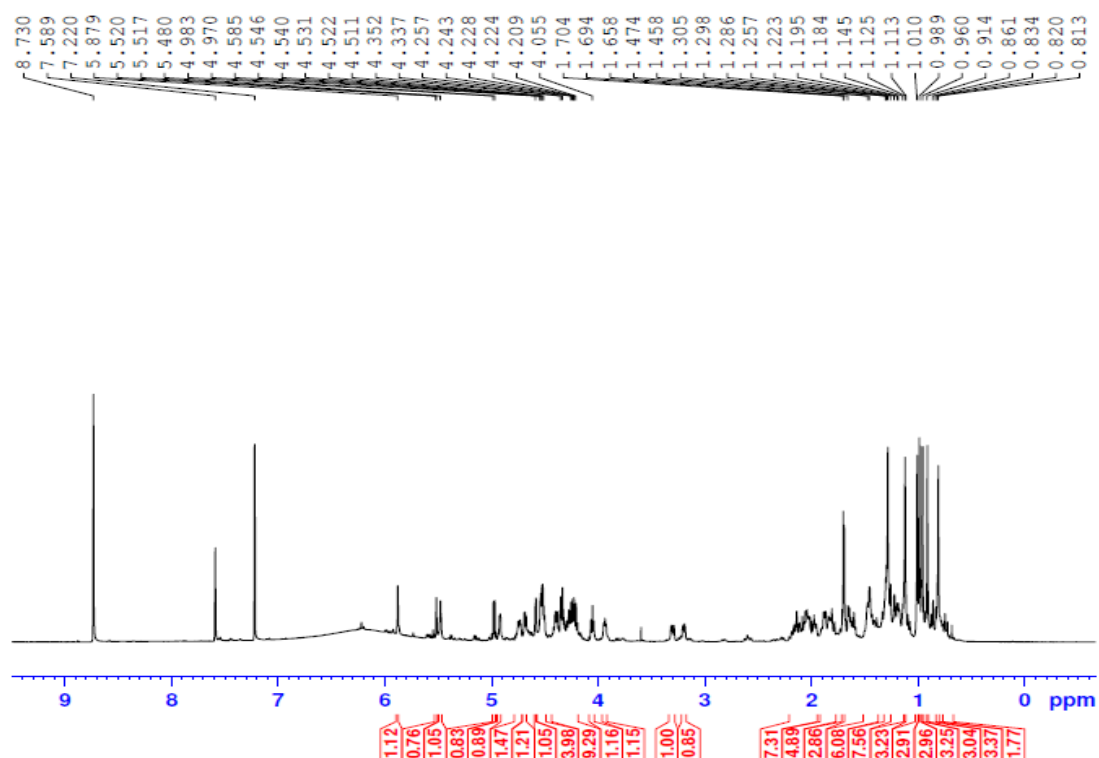
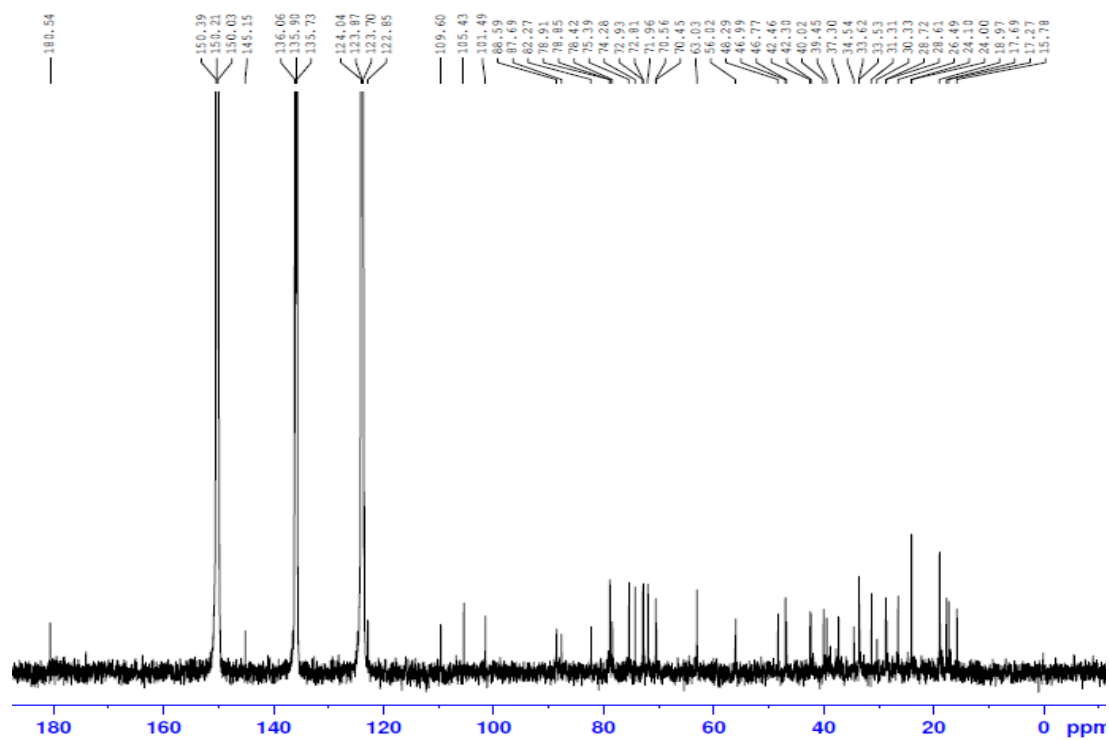
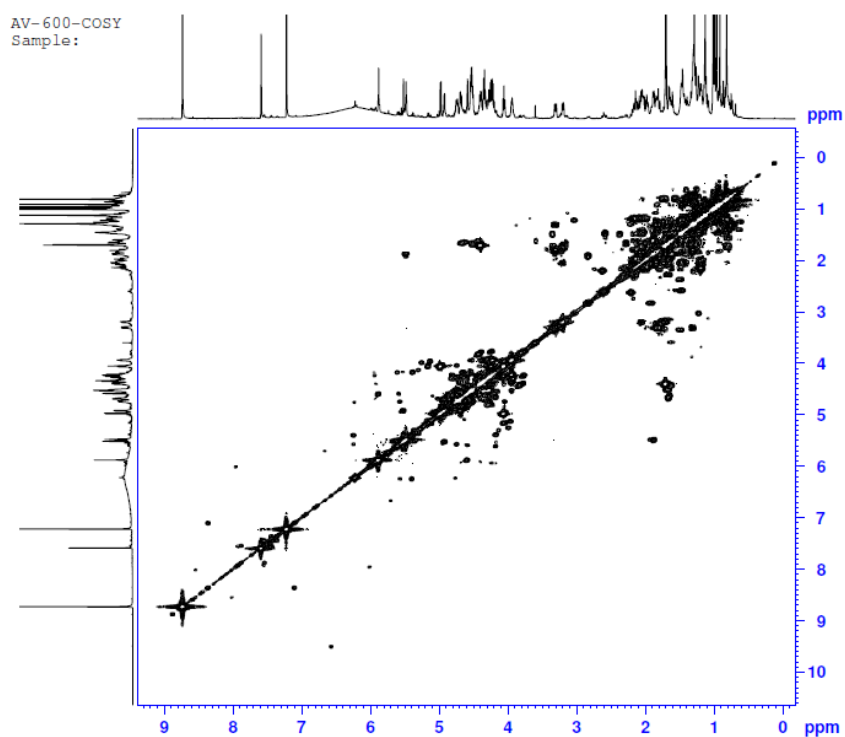
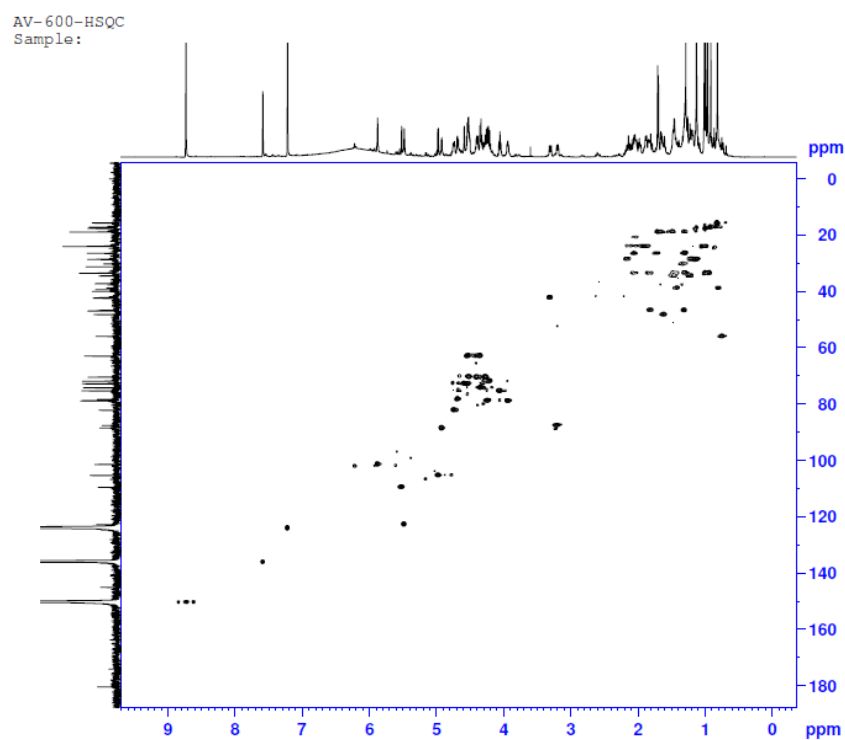


Figure S27.  $^1\text{H}$ -NMR of compound 1.Figure S28.  $^{13}\text{C}$ -NMR of compound 1.

**Figure S29.** COSY of compound 1.**Figure S30.** HSQC of compound 1.



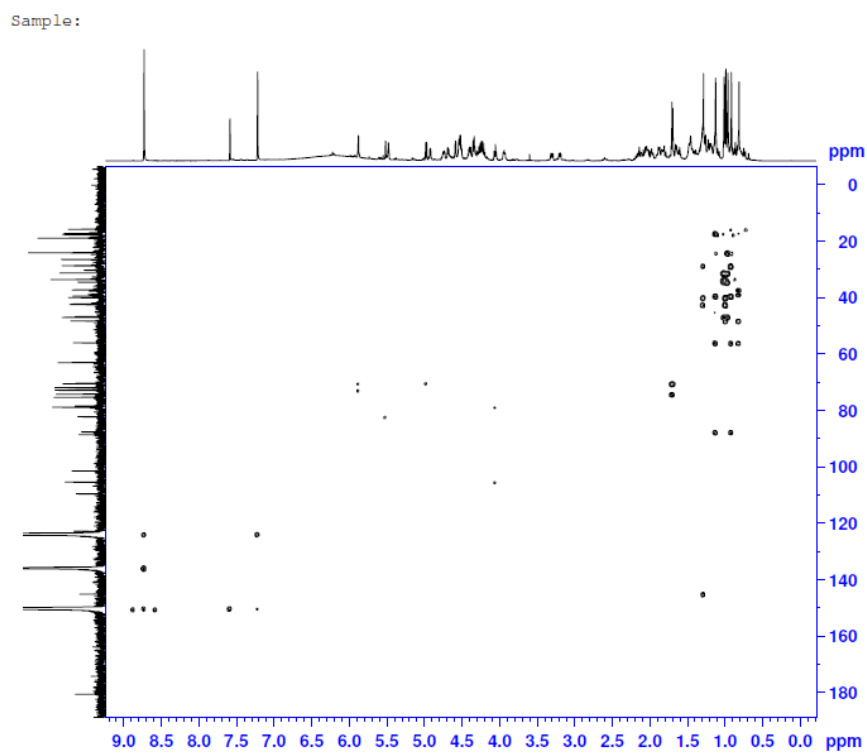
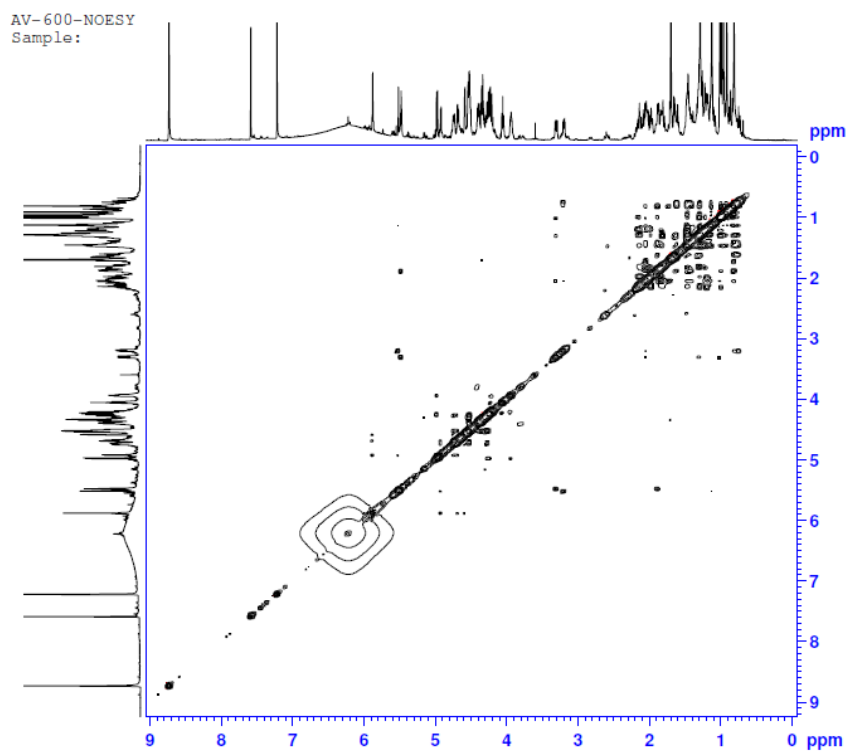
**Figure S31.** HMBC of compound 1.**Figure S32.** NOESY of compound 1.

Figure S33. Structure of compound 11.

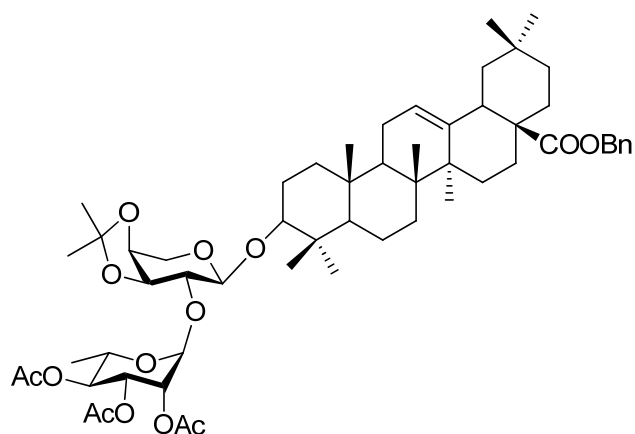
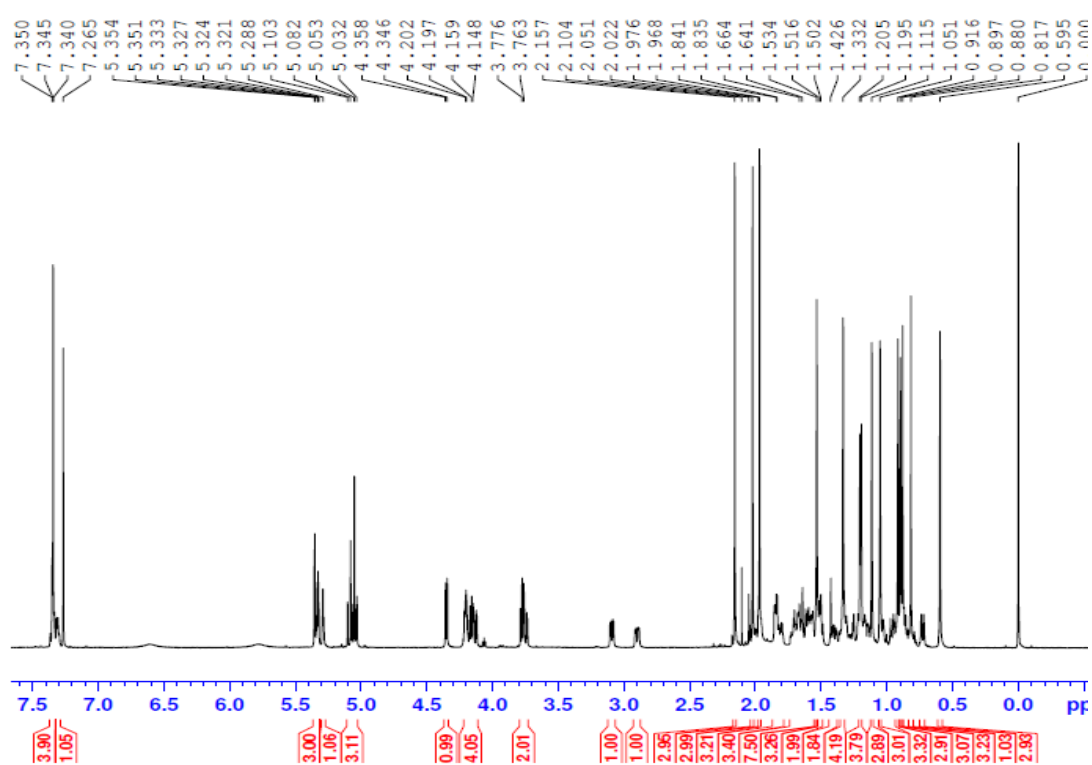
Figure S34.  $^1\text{H}$ -NMR of compound 11.

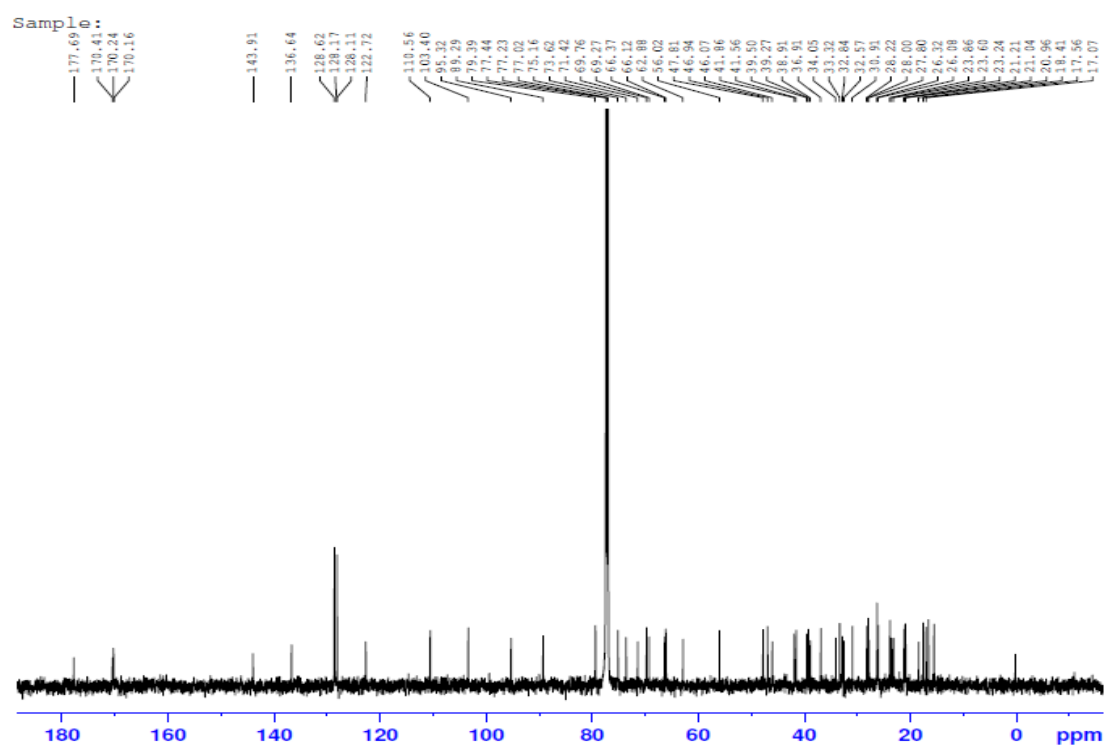
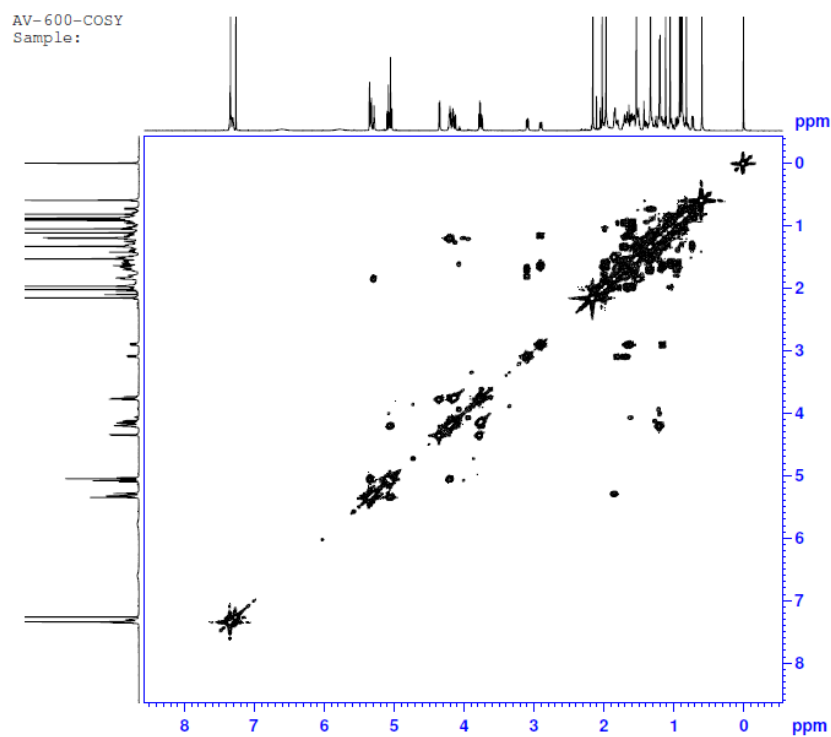
Figure S35.  $^{13}\text{C}$ -NMR of compound 11.

Figure S36. COSY of compound 11.



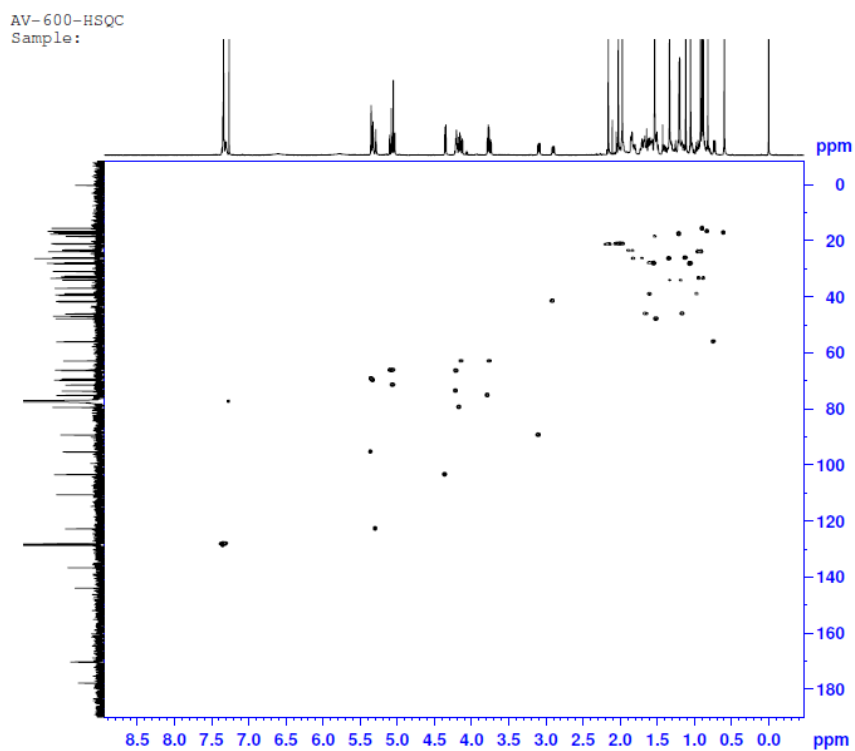
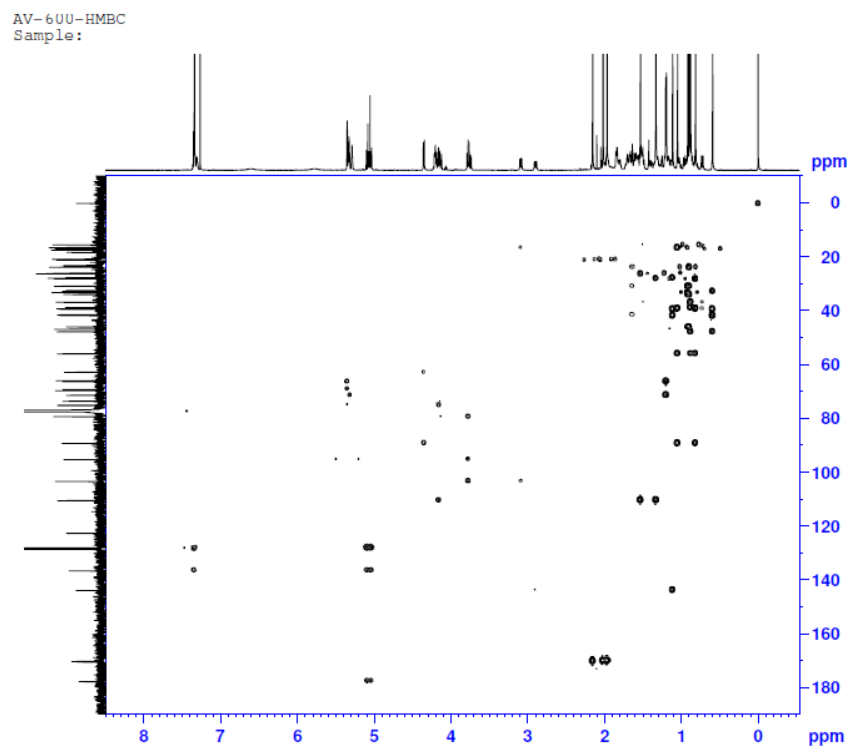
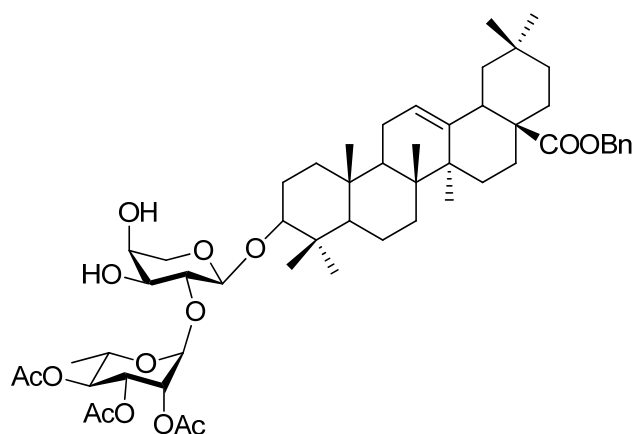
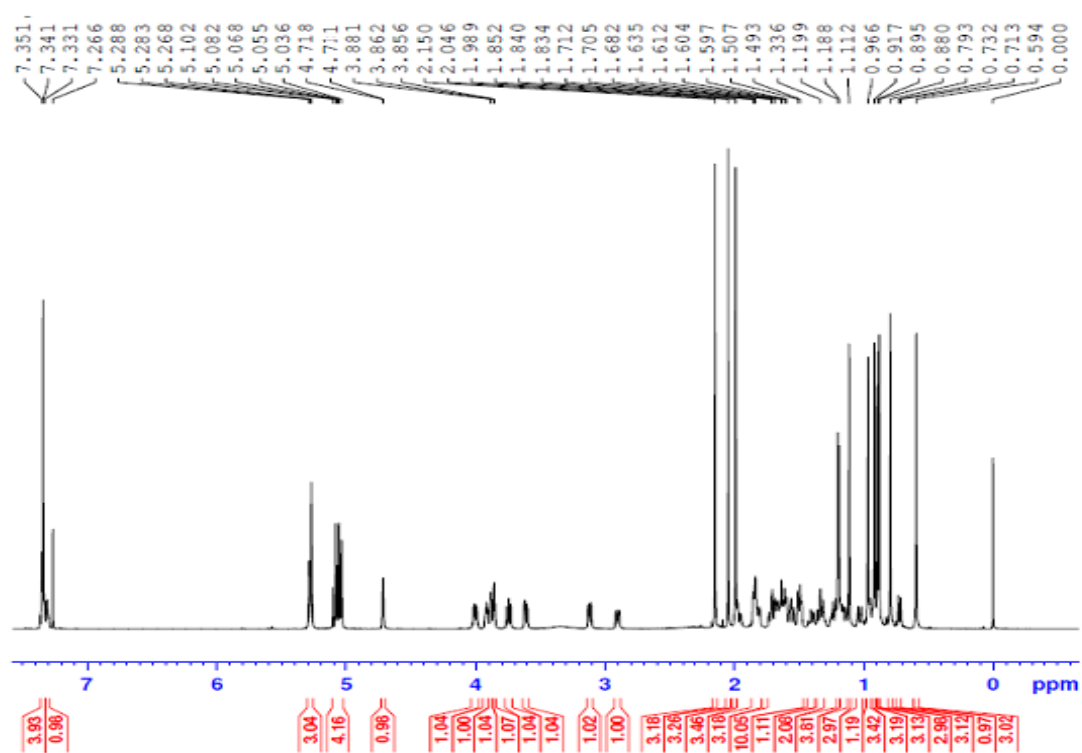
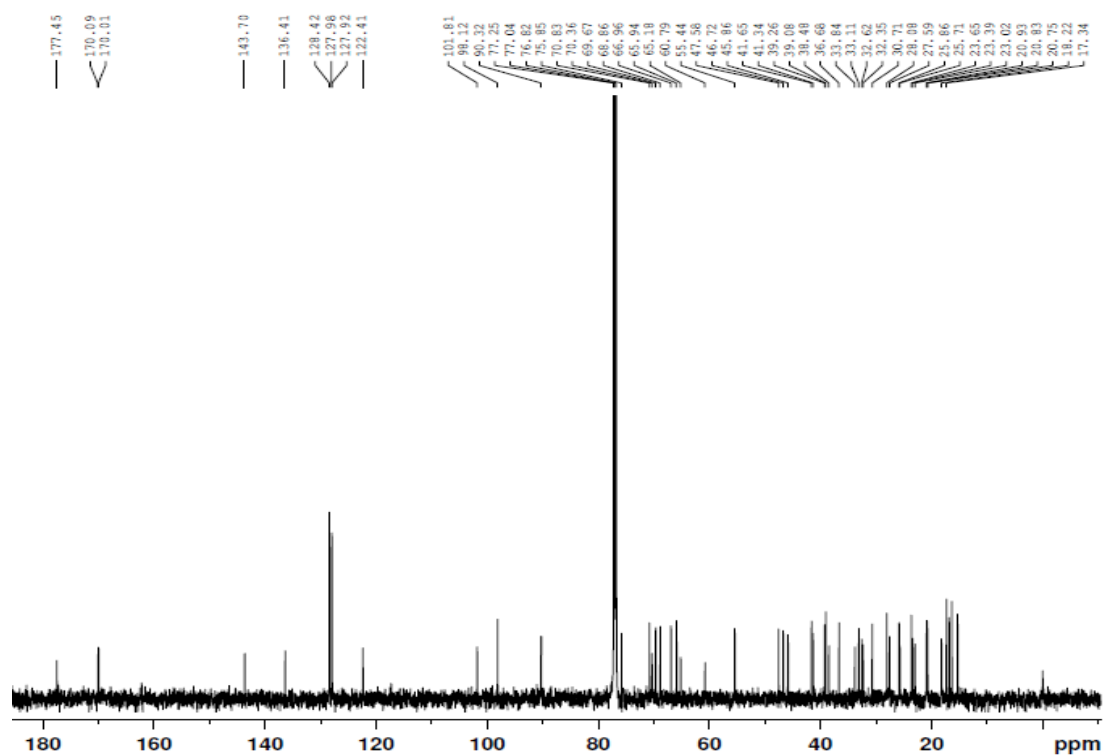
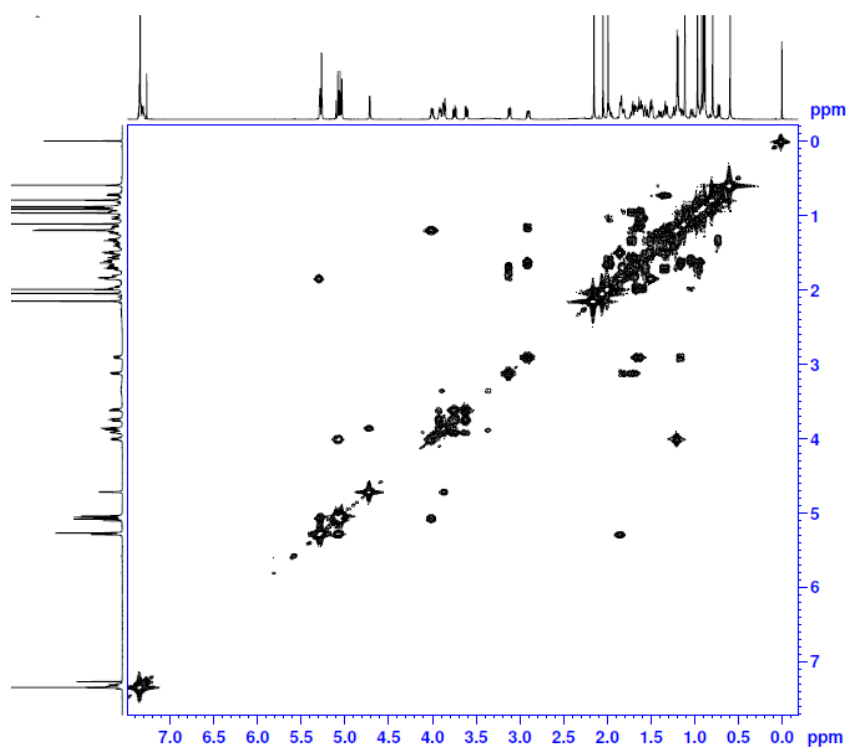
**Figure S37.** HSQC of compound **11**.**Figure S38.** HMBC of compound **11**.

Figure S39. Structure of compound 12.

Figure S40.  $^1\text{H}$ -NMR of compound 12.

**Figure S41.**  $^{13}\text{C}$ -NMR of compound 12.**Figure S42.** COSY of compound 12.

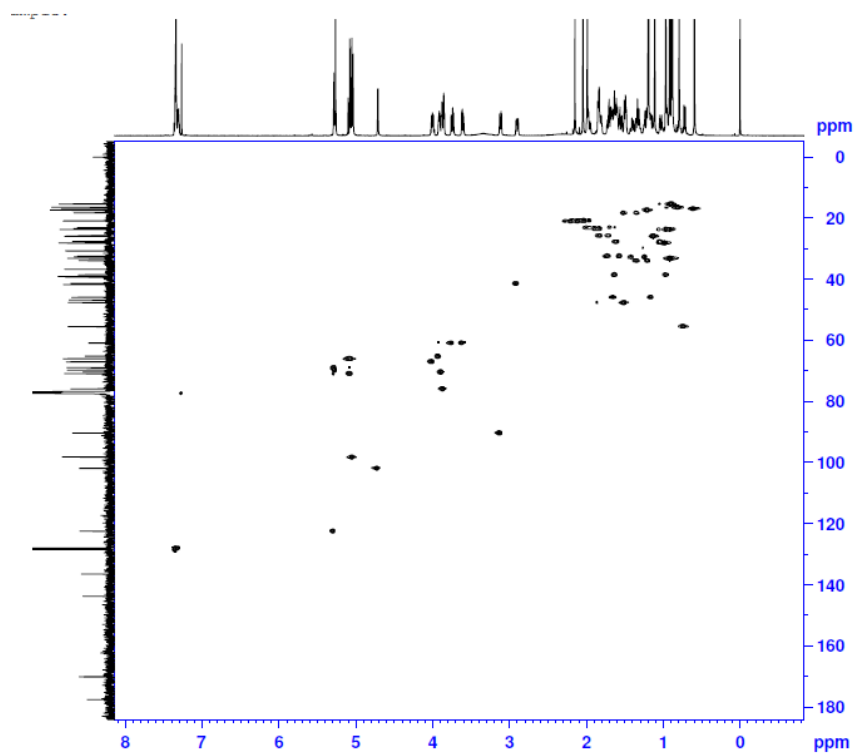
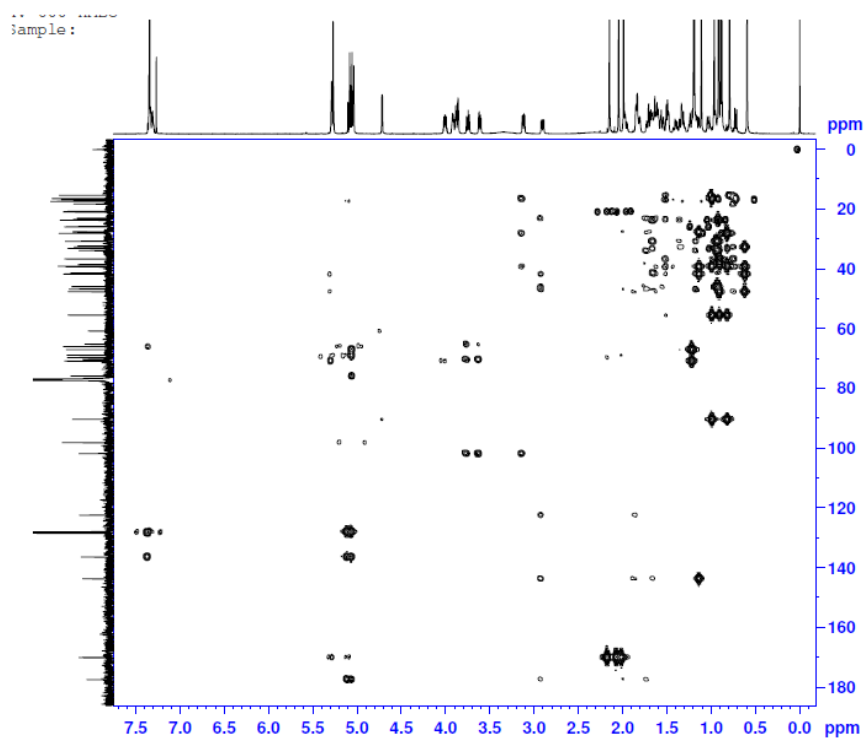
**Figure S43.** HSQC of compound 12.**Figure S44.** HMBC of compound 12.

Figure S45. Structure of compound 13.

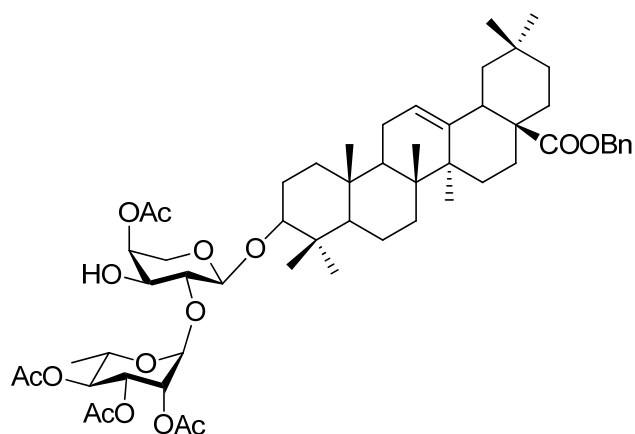
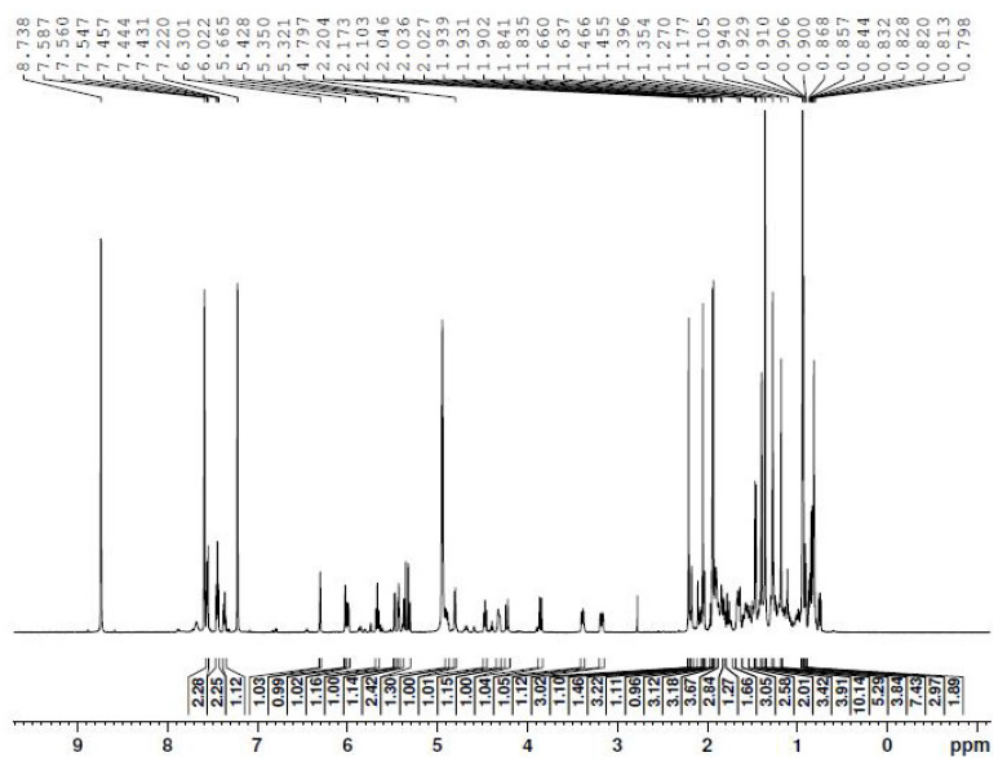
Figure S46.  $^1\text{H}$ -NMR of compound 13.



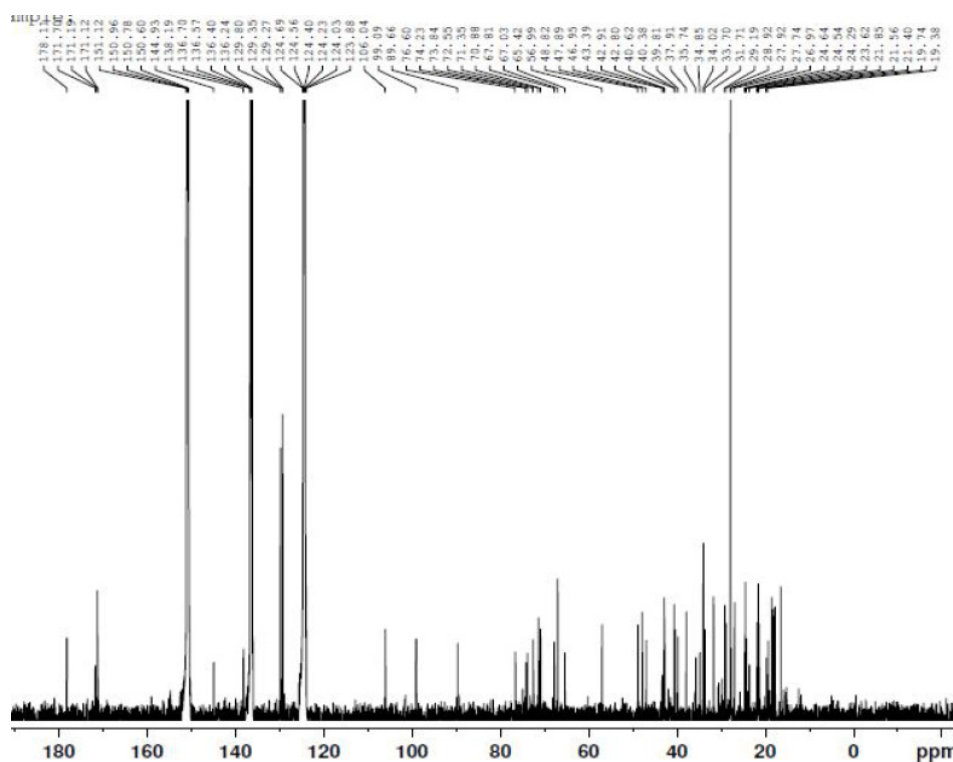
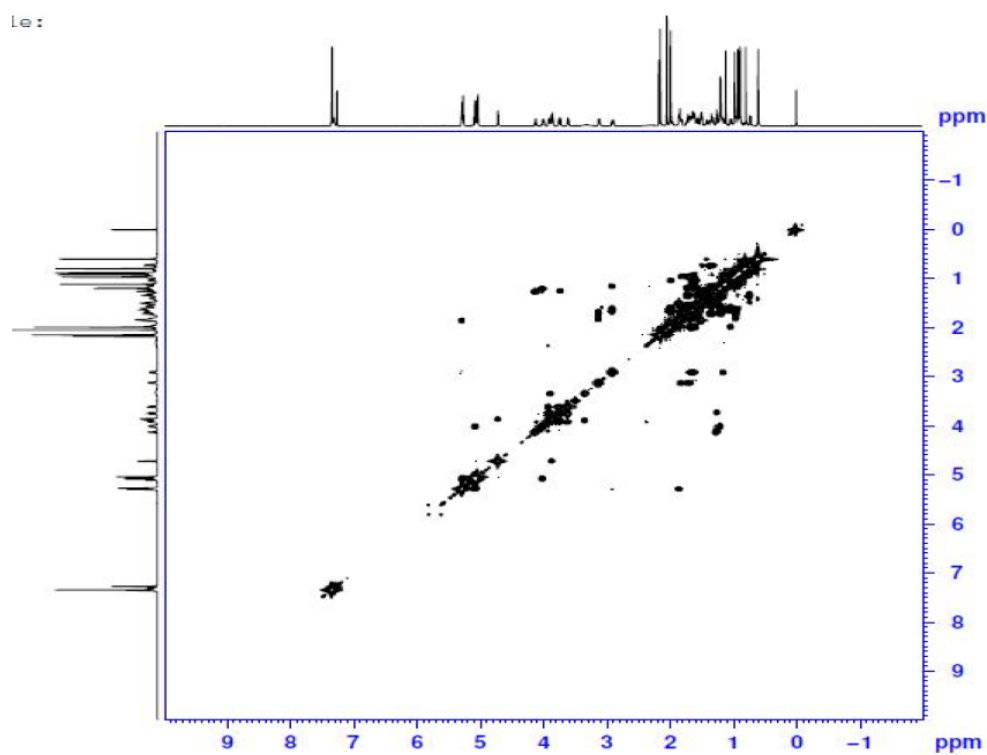
Figure S47.  $^{13}\text{C}$ -NMR of compound 13.

Figure S48. COSY of compound 13.



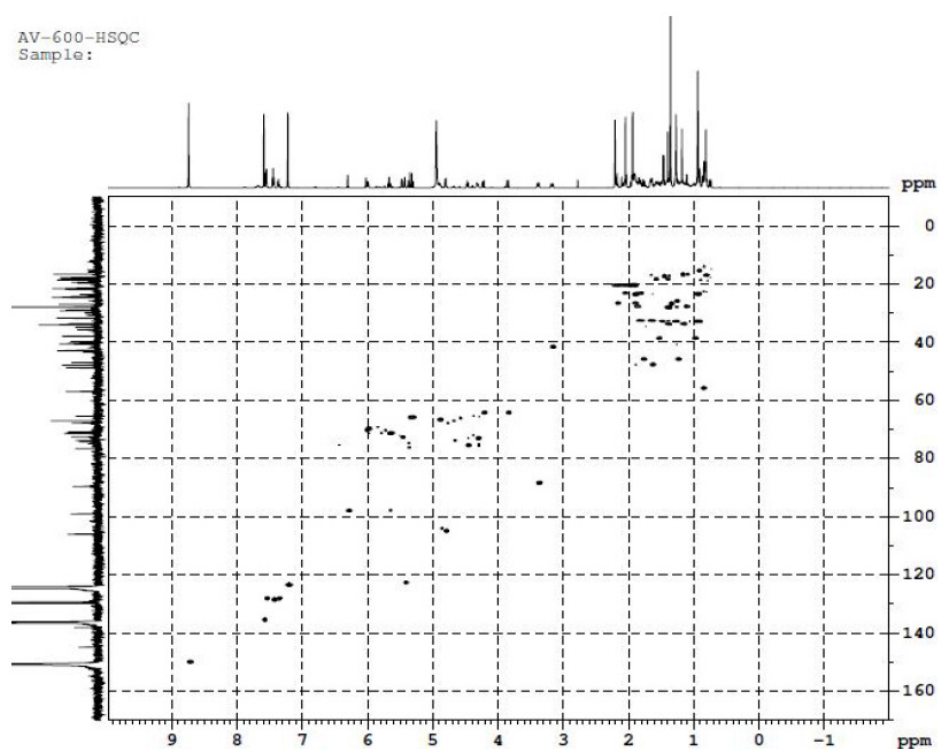
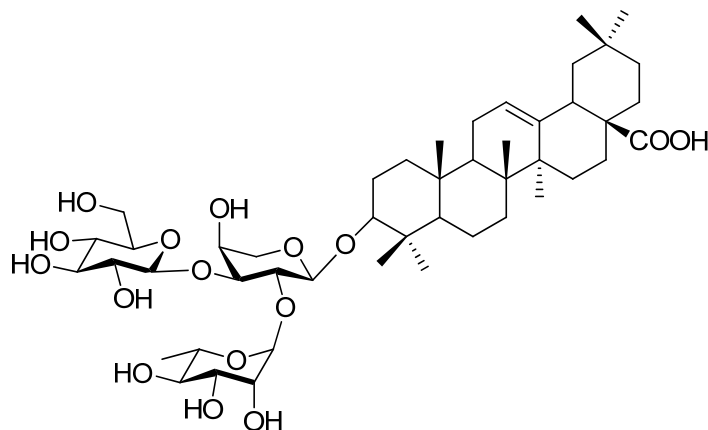
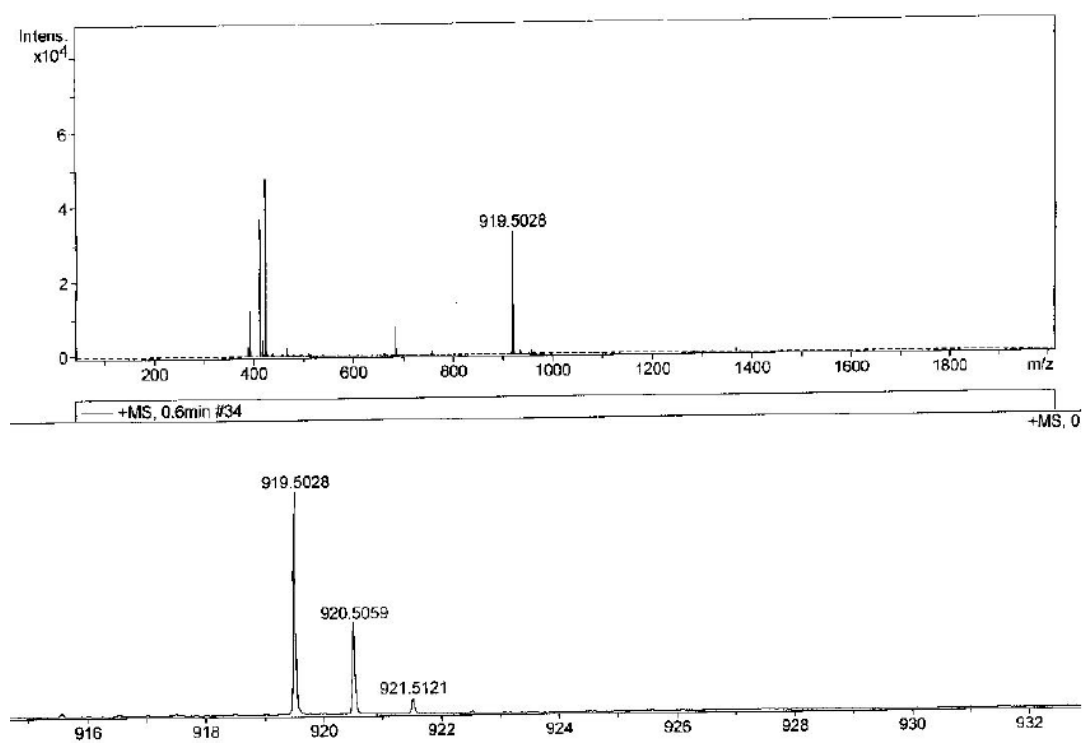
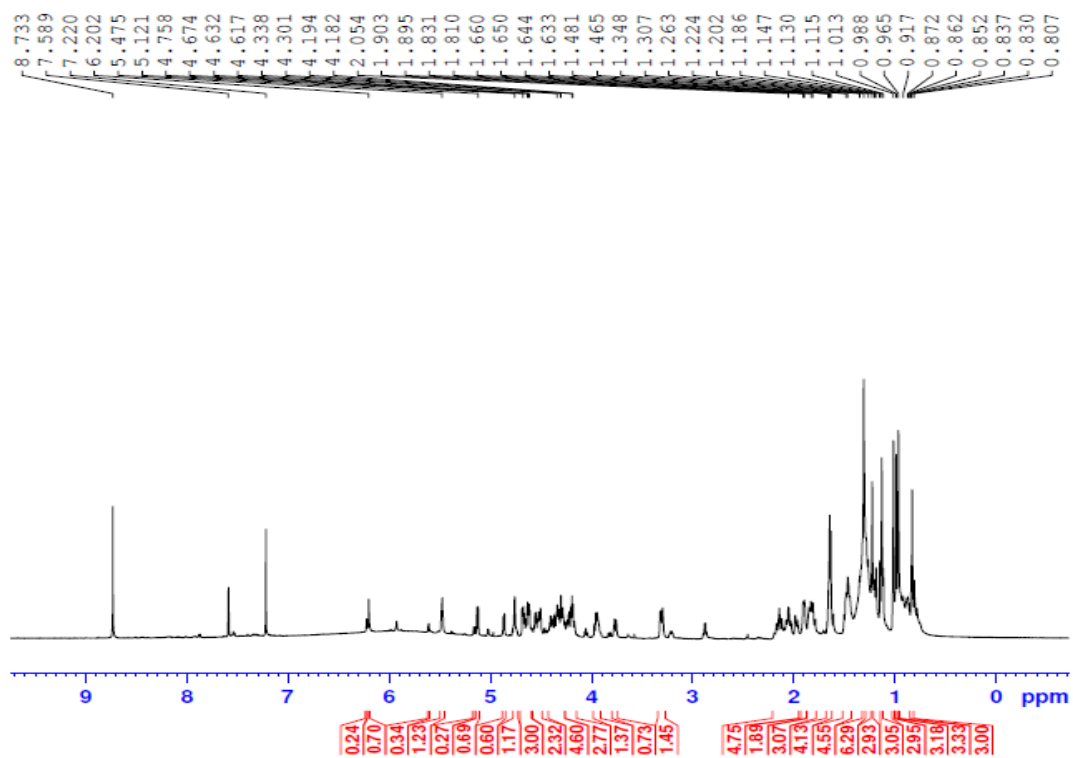
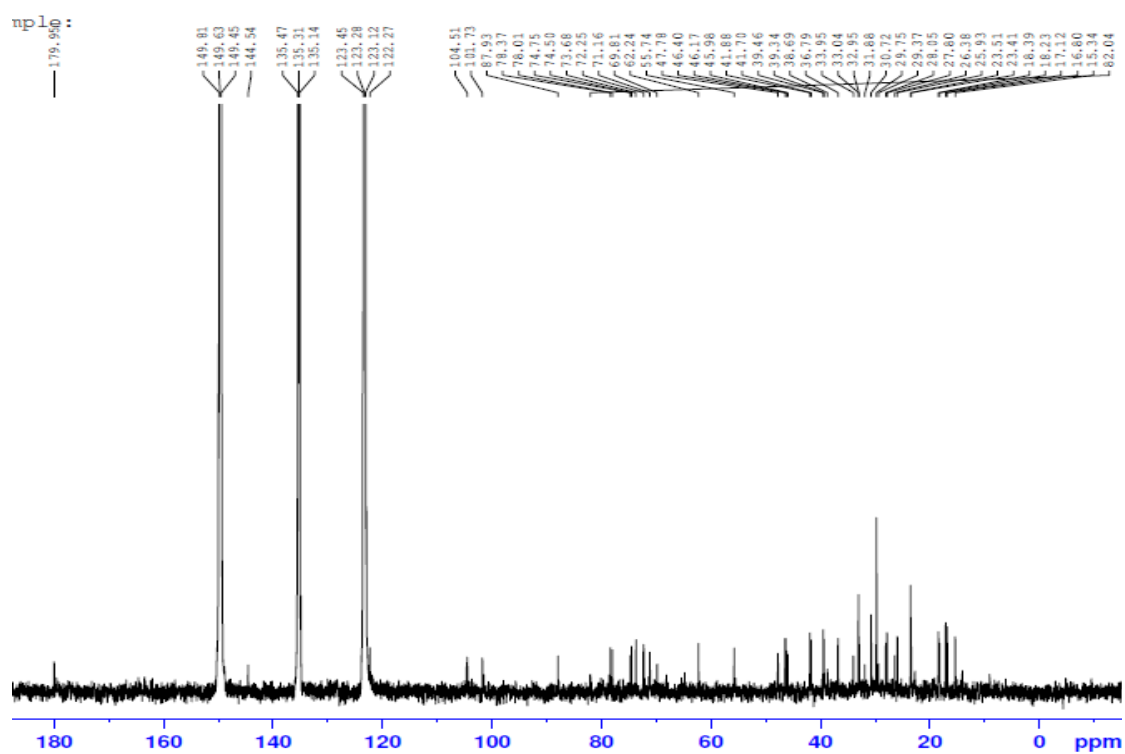
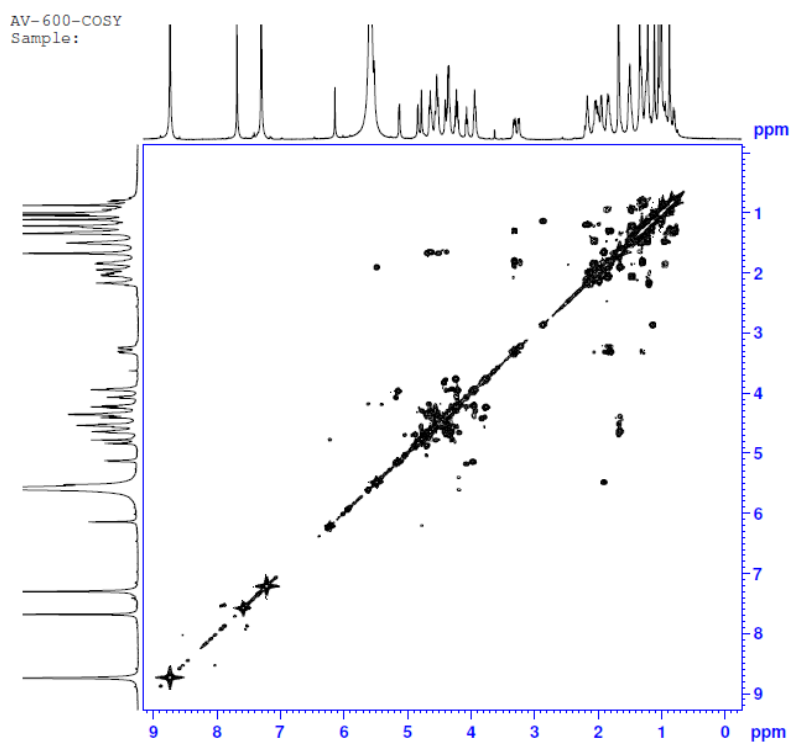
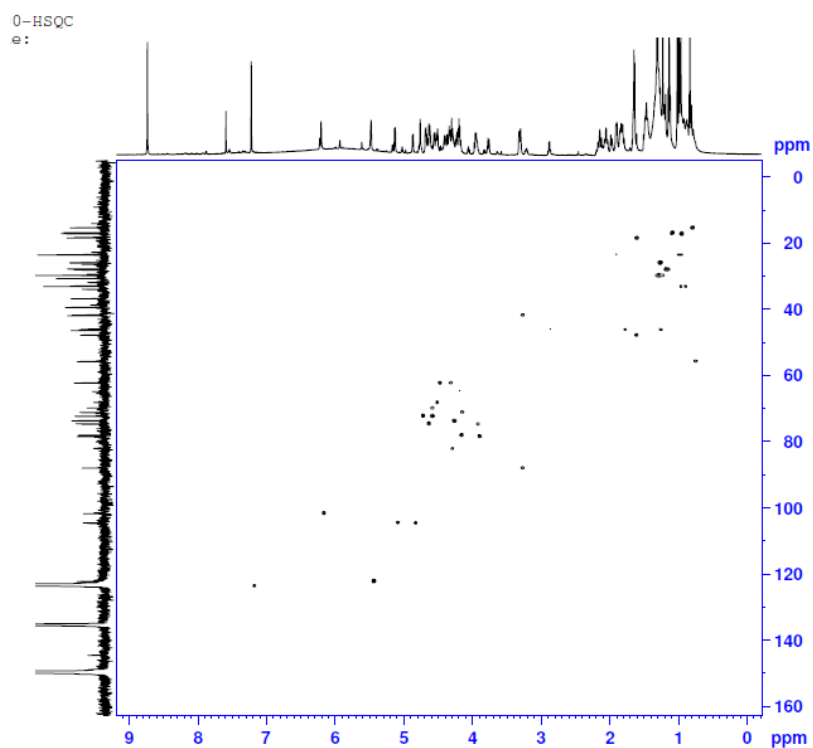
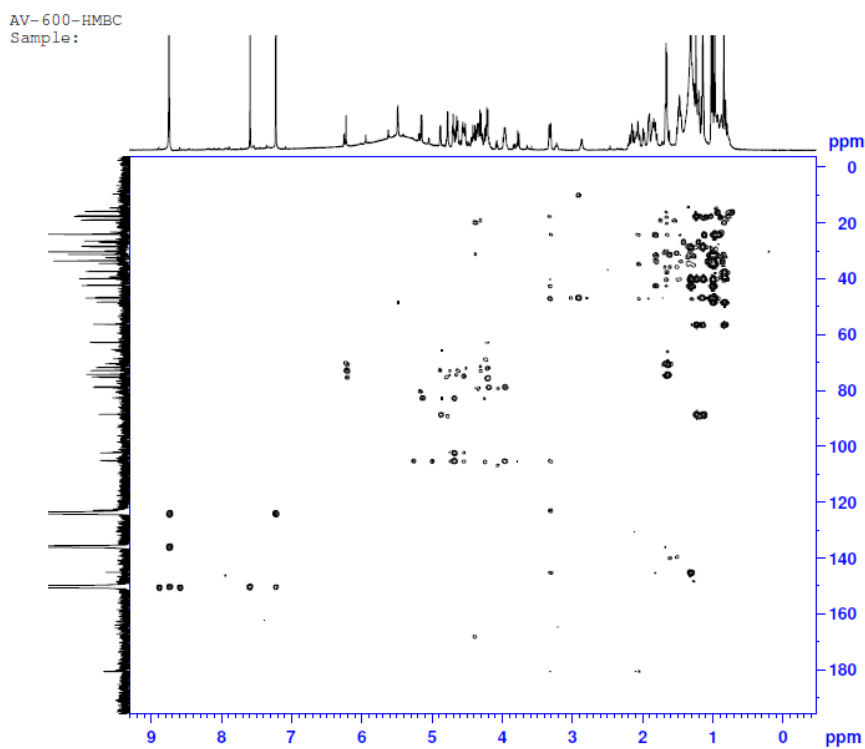
**Figure S49.** HSQC of compound 13.**Figure S50.** Structure of Patrinia-glycoside B-II.

Figure S51. MS of Patrinia-glycoside B-II.

Figure S52.  $^1\text{H}$ -NMR of Patrinia-glycoside B-II.

**Figure S53.**  $^{13}\text{C}$ -NMR of Patrinia-glycoside B-II.**Figure S54.** COSY of Patrinia-glycoside B-II.

**Figure S55.** HSQC of Patrinia-glycoside B-II.**Figure S56.** HMBC of Patrinia-glycoside B-II.

**Figure S57.** NOESY of Patrinia-glycoside B-II.