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Article

Anticancer Activity of Novel Plant Extracts and Compounds from *Adenosma bracteosum* (Bonati) in Human Lung and Liver Cancer Cells

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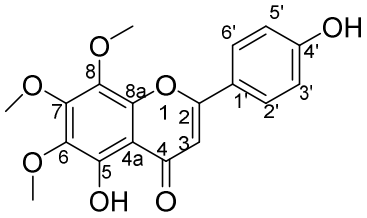
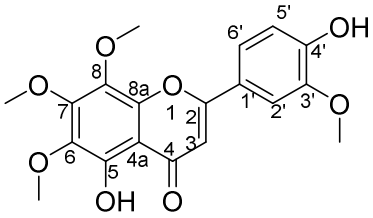
Supplement Information

Table S1. NMR spectral data of AB1 and AB2 compounds.

	AB1		**AB2**	
				
N	**δ_H, *J (Hz)***	**δ_C**	**δ_H, *J (Hz)***	**δ_C**
2		164.3		164.4
3	6.60 (*s*)	102.8	6.75 (*s*)	103.0
4		183.1		183.0
4a		106.7		106.7
5		161.8		161.8
6		133.0		133.0
7		152.0		152.0
8		136.0		136.0
8a		149.0		148.0
5-OH				
7-OCH_3	4.09 (*s*)	61.4	4.09 (*s*)	61.4
6-OCH_3	3.97 (*s*)	61.0	3.97 (*s*)	61.0
8-OCH_3	3.90 (*s*)	60.1	3.90 (*s*)	60.1
1′		122.3		122.4

2′	7.85 (*d*, *8.0*)	128.5	7.66 (*dd*, *8.0, 1.5*)	120.6
3′	6.94 (*d*, *8.0*)	116.1	7.04 (*d*, *8.0*)	115.6
4′		161.3		151.0
5′	6.94 (*d*, *8.0*)	116.1		145.7
6′	7.85 (*d*, *8.0*)	128.5	7.65 (*brs*)	109.6
3′-OCH_3			3.88 (*s*)	55.6

Table S2. Compare AB3 compound spectral data and reference.

N (H)	**^{1}H-NMR**	
	AB3	**Ursolic acid (**(Harmand *et al.*, 2003)
1		1.56 (2H, m)
2		1.43 (2H, m)
3	3.00 (1H, td, J = 6.8; 9.9)	3.01 (1H, dd, J = 5.2; 9.5)
4		
5	0.66 (1H, d, J = 11.3)	0.66 (1H, s)
6	1.99 (1H, dd, J = 4.1;13.4)	1.47 (1H, m, H-6a)
		1.29 (1H, m, H-6b)
7		1.27 (2H, m)
8		
9		1.58 (1H, s)
10		
11		1.92 (2H, dd, J = 13.7; 3.5)
12	5.14 (1H, td, J = 3.4; 6.8)	5.14 (1H, dd, J = 13.7; 3.5)
13		
14		
15		1.01 (2H, m)
16		1.53 (2H, m)
17		

18	2.11 (1H, d, J = 13.1)	2.12 (1H, d; J = 11.1)
19		1.31 (1H, m)
20		1.52 (1H, m)
21		1.29 (2H, m)
22		1.54 (2H, m)
23	0.94 (3H, d, J = 6.2)	0.90 (3H, s)
24	0.77 (3H, s)	0.68 (3H, s)
25	0.90 (3H, d, J = 4.2)	0.87 (3H, s)
26	0,81 (3H, s)	0.69 (3H, s)
27	1.08 (3H, s)	1.05 (3H, s)
28		
29	0.85 (3H, d, J = 6.4)	0.82 (3H, d, J = 5.9)
30	0.92 (3H, s)	0.92 (3H, d, J = 6.8)

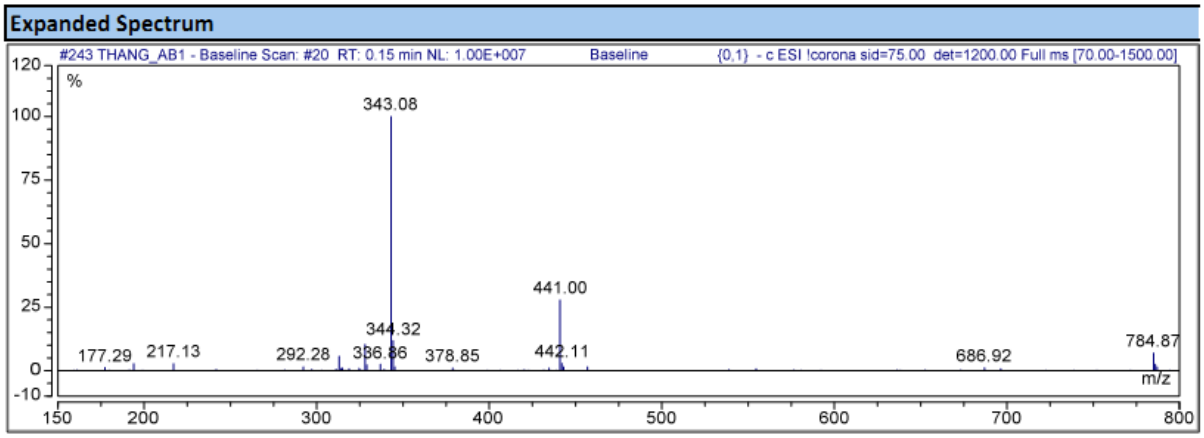


Figure S1. ESI mass spectrum of **AB1.**

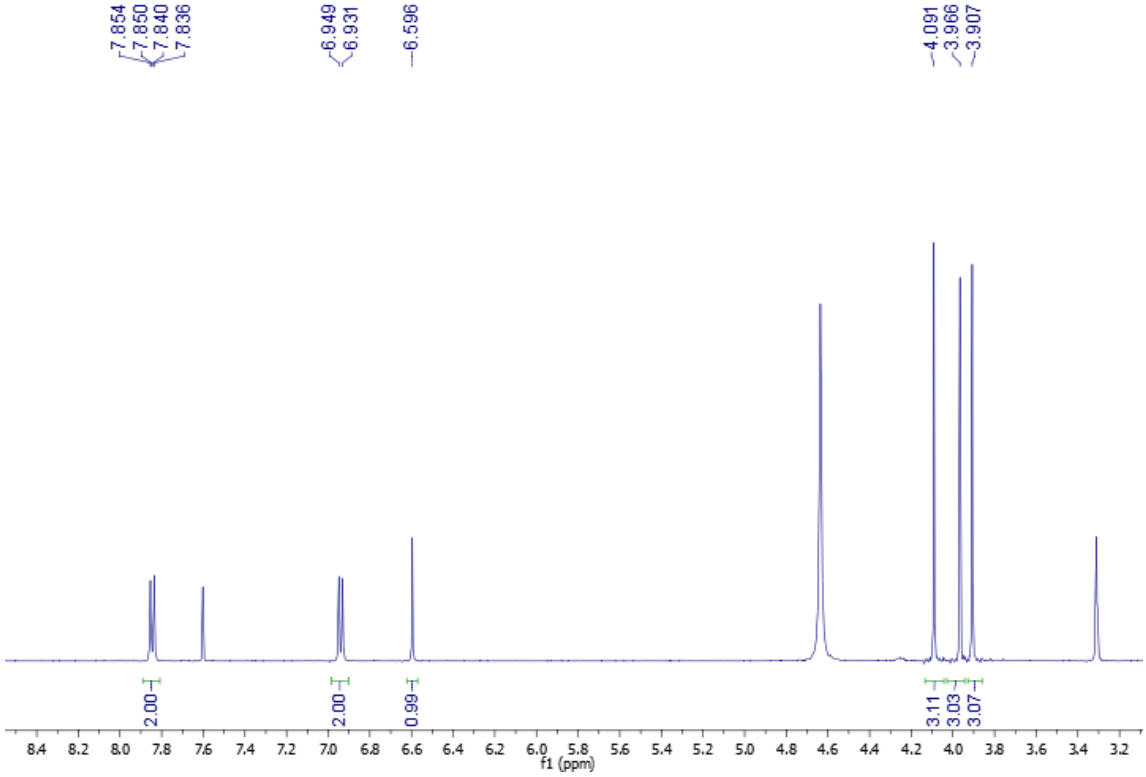


Figure S2. The ^{1}H NMR spectrum of **AB1** in methanol-d_4.

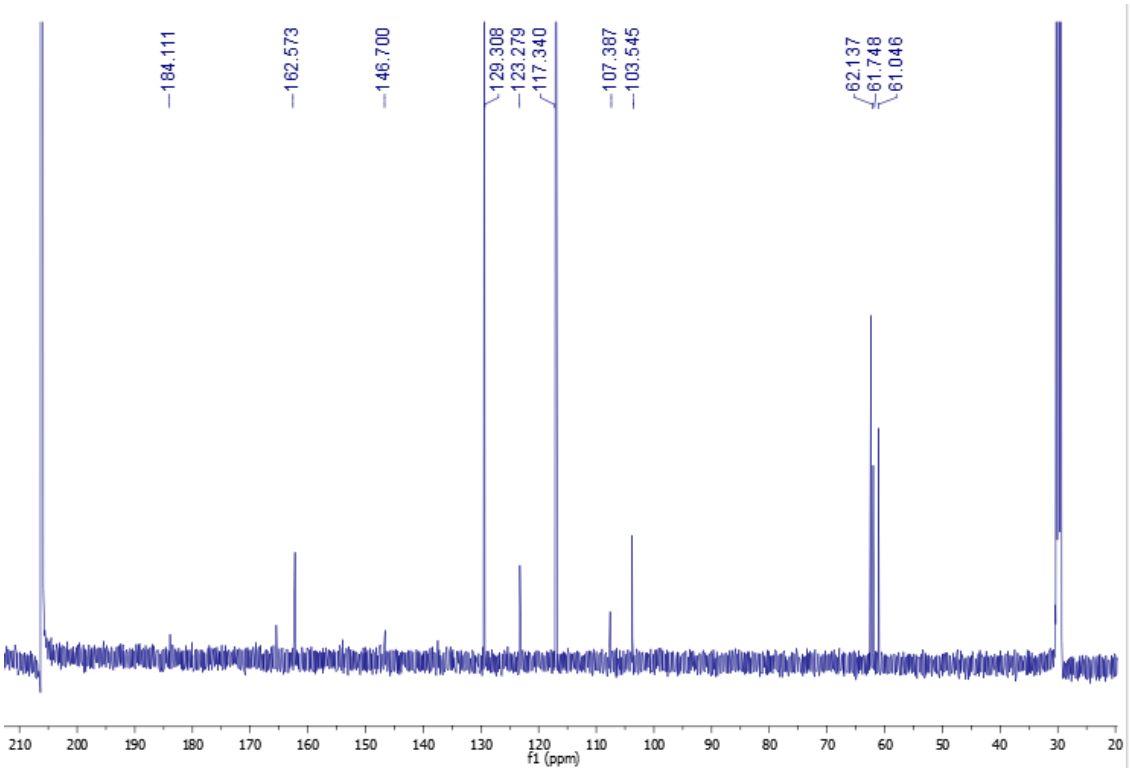


Figure S3. The ^{13}C NMR spectrum of **AB1** in acetone-d_6.

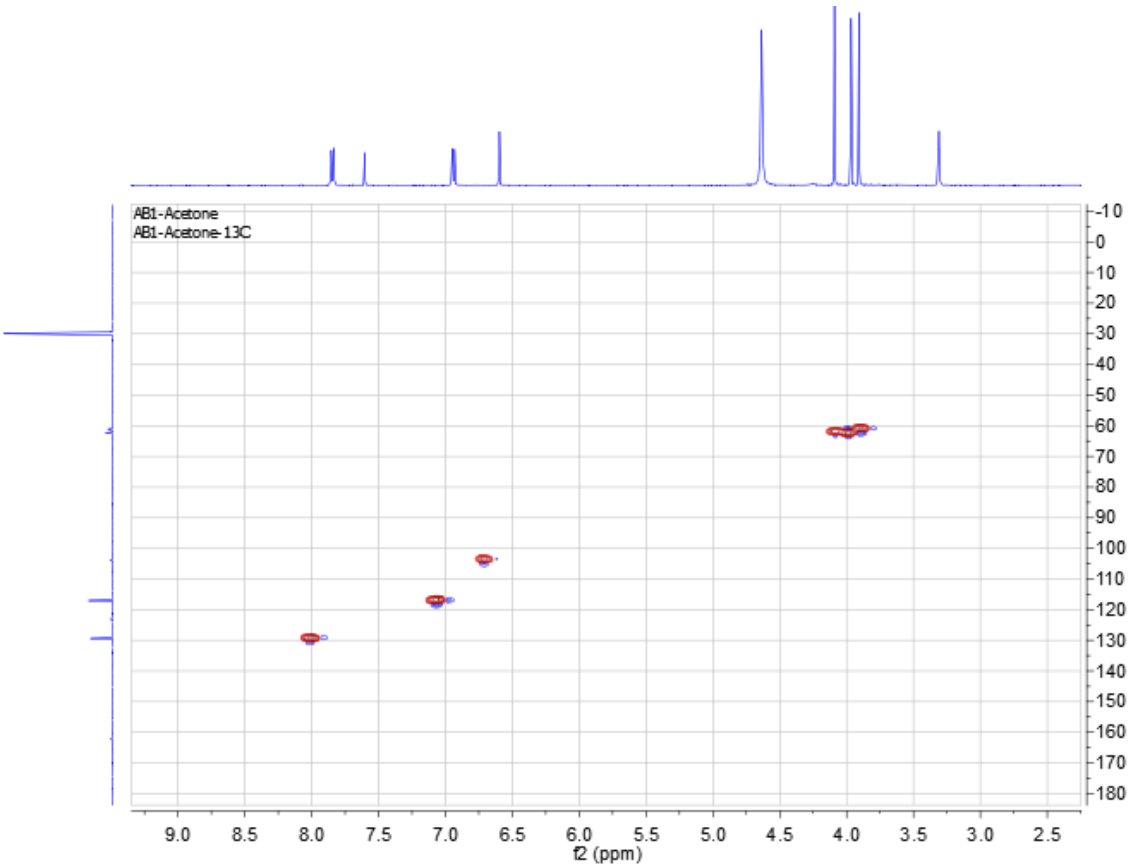


Figure S4. HSQC spectrum of **AB1** in acetone-d_6.

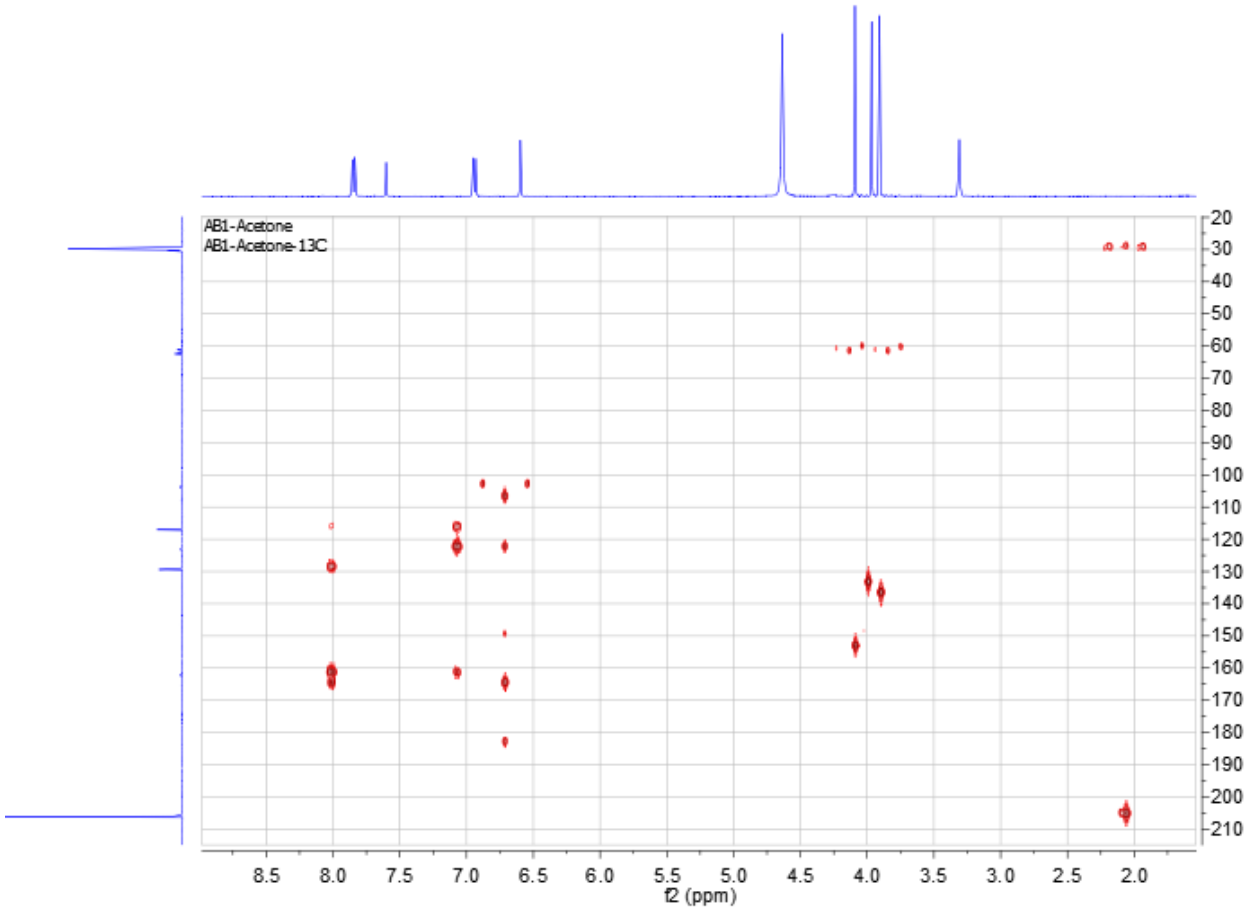


Figure S5. HMBC spectrum of **AB1** in Acetone-d_6.

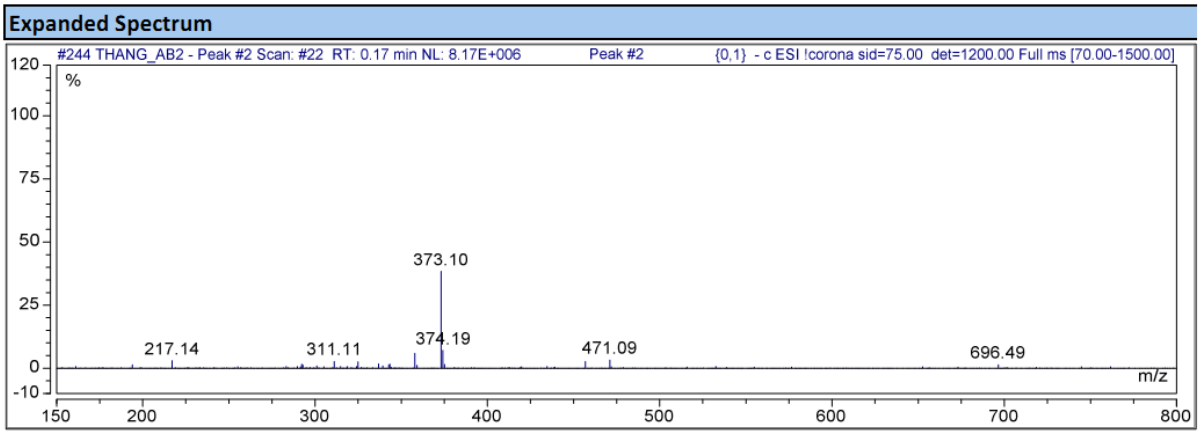


Figure S6. EI mass spectrum of **AB2.**

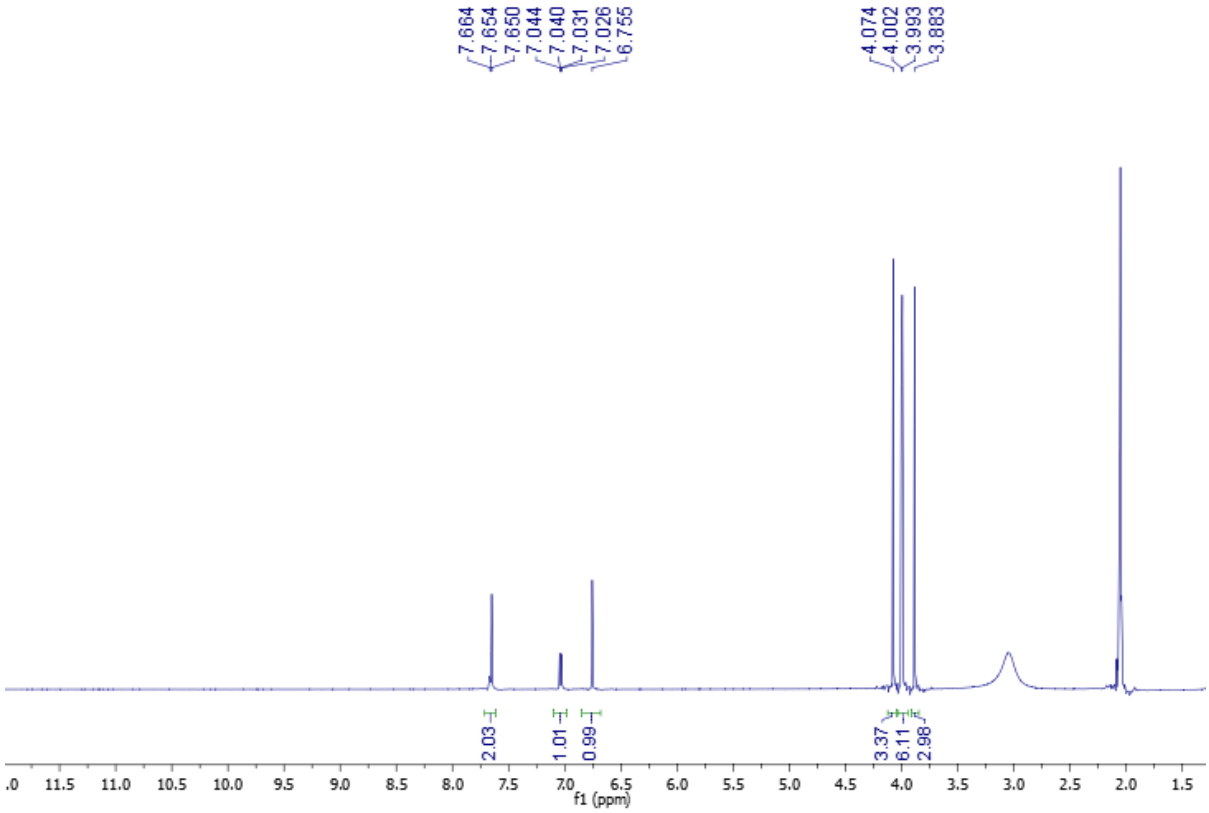


Figure S7. The ^{1}H NMR spectrum of **AB2** in acetone-d_6.

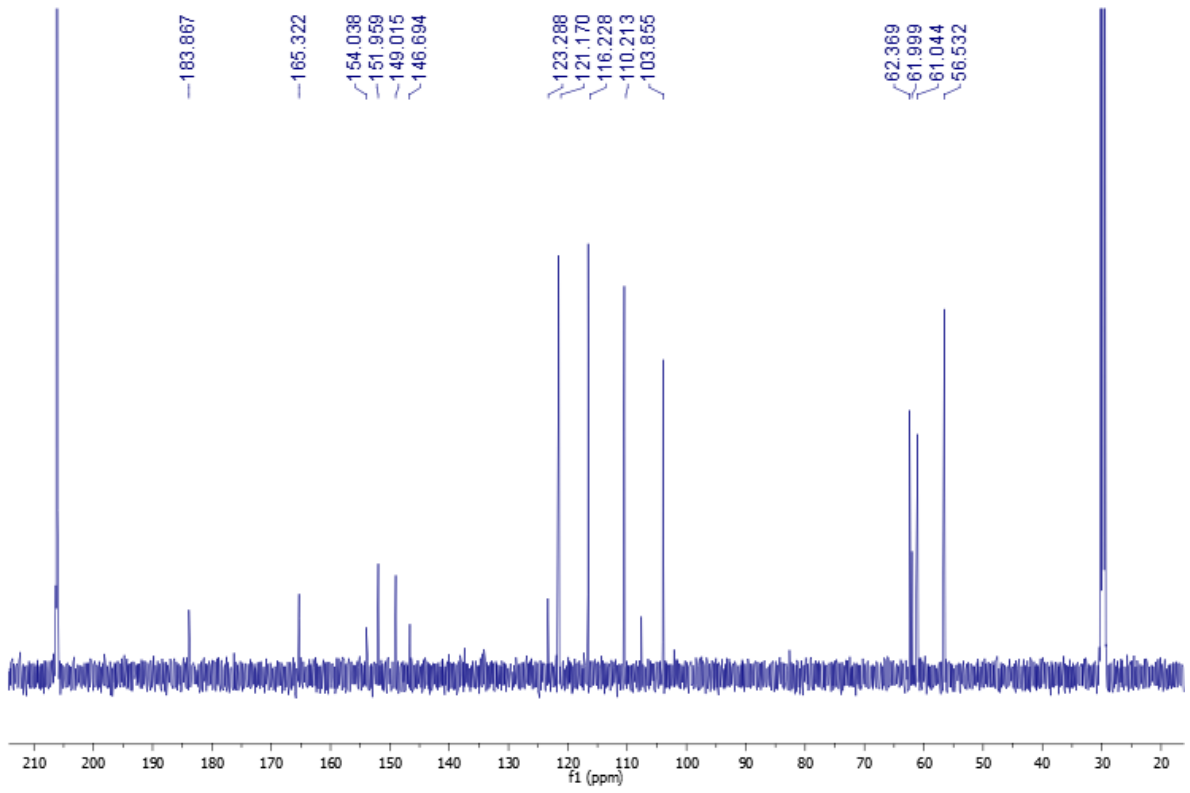


Figure S8. The ^{13}C NMR spectrum of **AB2** in acetone-d_6

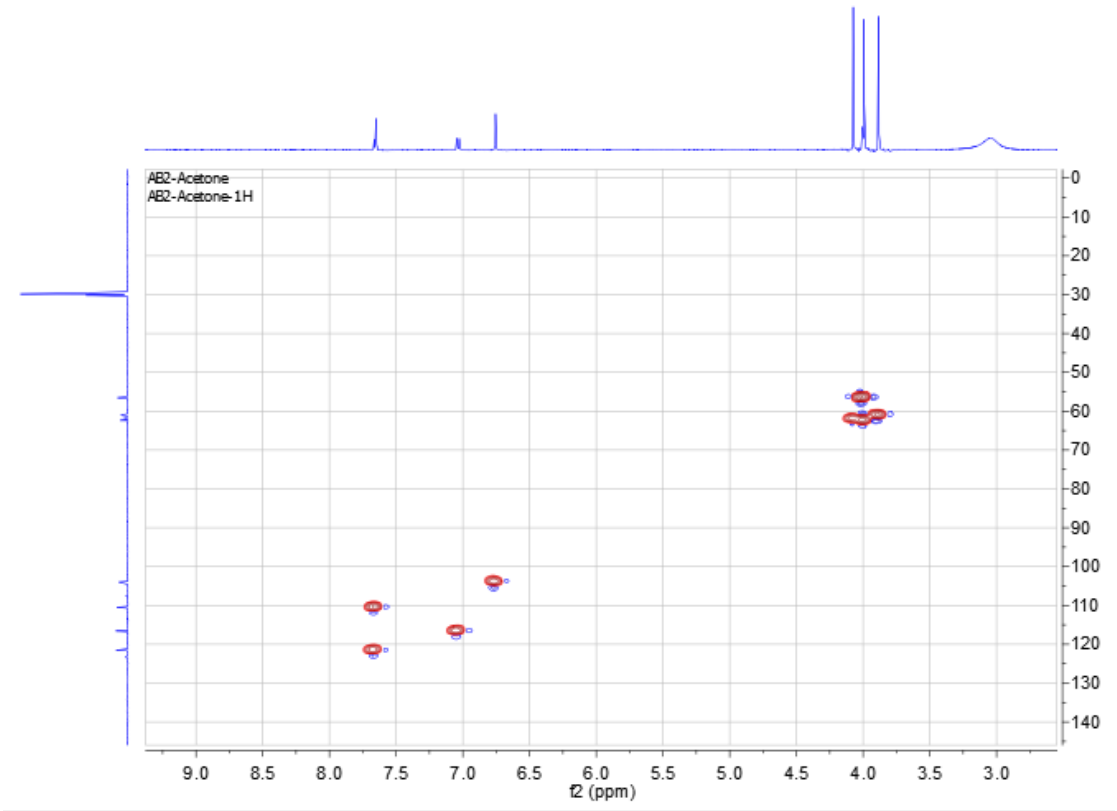


Figure S9. HSQC spectrum of **AB2** in acetone-d_6.

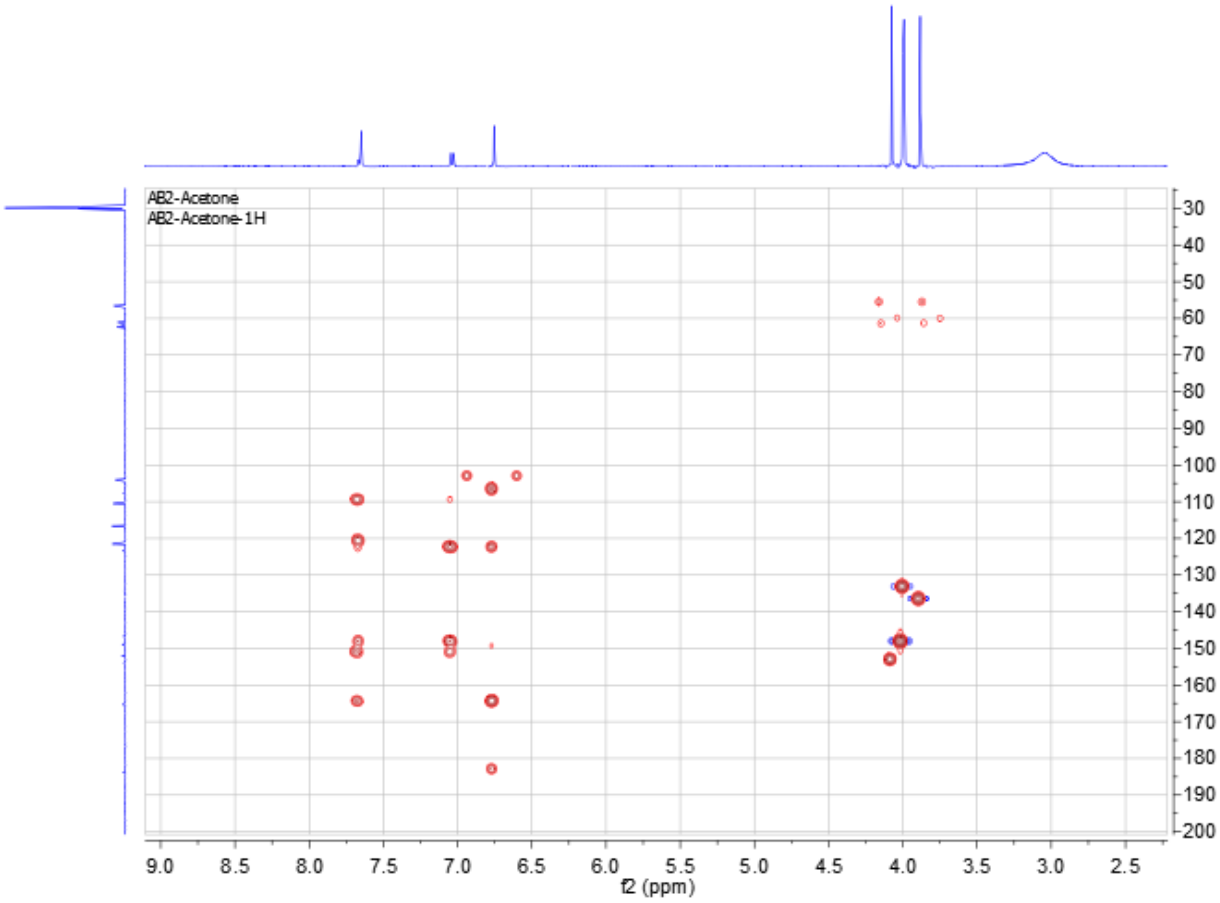


Figure S10. HMBC spectrum of **AB2** in Acetone-d_6.

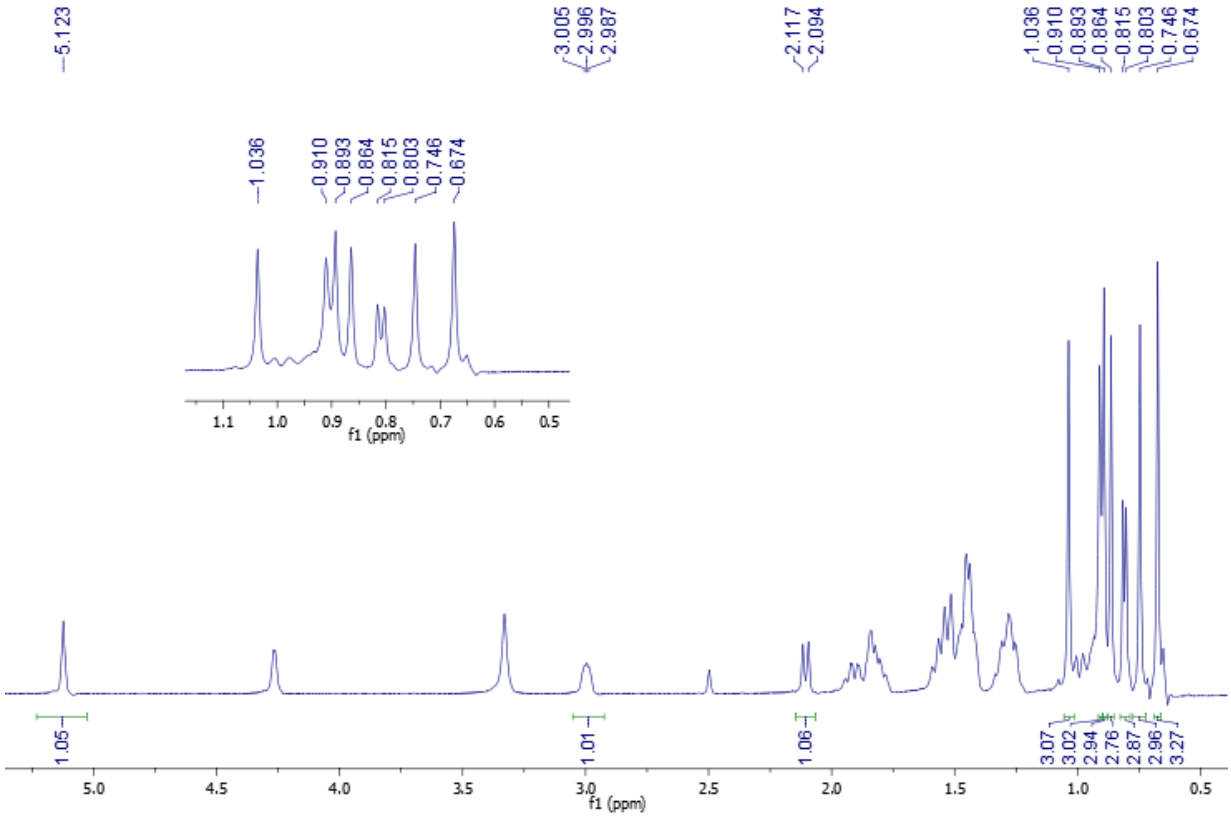


Figure S11. The ^{1}H NMR spectrum of **AB3** in DMSO-d_6.

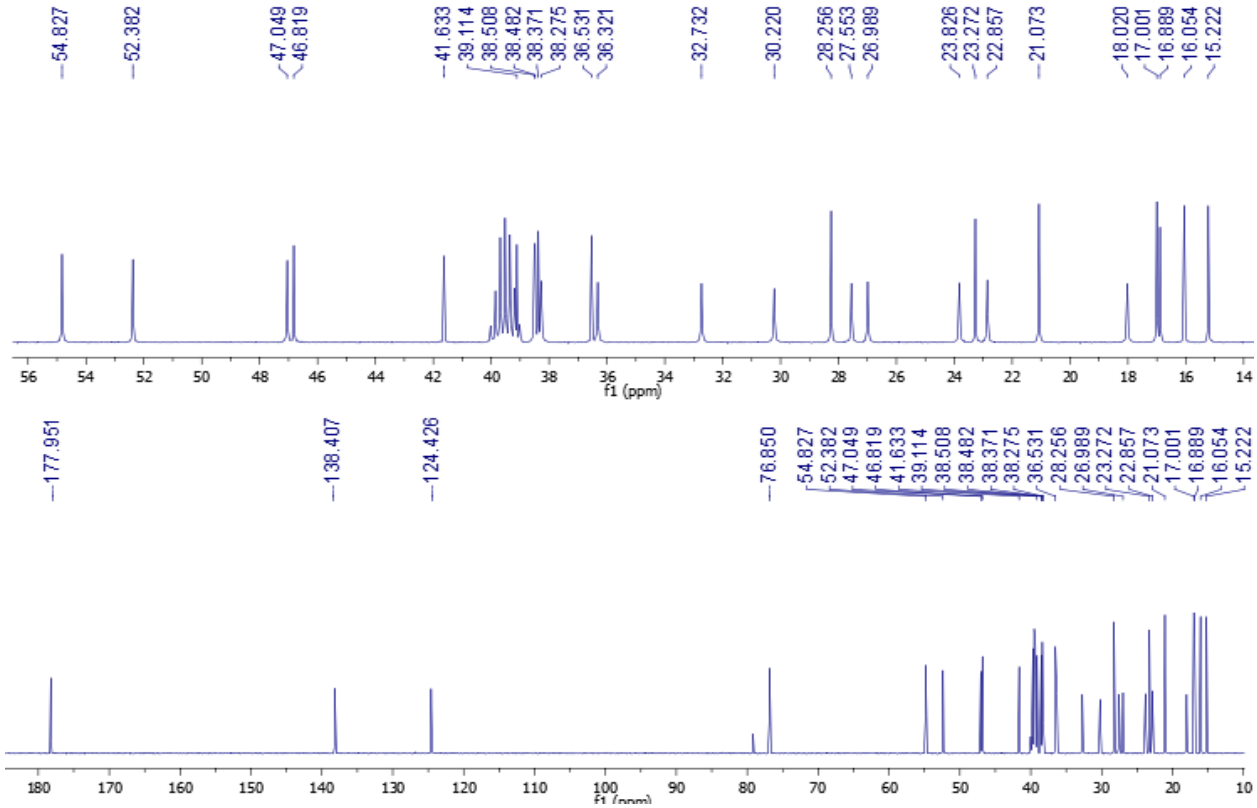


Figure S12. The ^{13}C NMR spectrum of **AB3** in DMSO-d_6.