

Supporting Information

Norwilsonnol A, An Immunosuppressive Polycyclic Polyprenylated Acylphloroglucinol with Spiro[5- oxatricyclo[6.4.0.0^{3,7}]dodecane-6',1-1',2'-dioxane] System from *Hypericum wilsonii*

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Table S1 The ^1H and ^{13}C NMR spectroscopic data of **1** and **2** (δ in ppm)

No.	1^a		2^b	
	δ_{H}	δ_{C}	δ_{H}	δ_{C}
1		71.6 C		118.0 C
3			2.59 m	40.3 CH ₂
4				209.6 C
5		83.8 C		65.8 C
6	1.77 m 1.71 m	36.9 CH ₂	2.04 (d, 13.1) 1.79 (d, 13.1)	32.3 CH ₂
7	1.99 m	33.8 CH	1.97 m	42.3 CH
8		55.7 C		51.2 C
9		205.1 C		195.0 C
10		148.3 C		164.0 C
11		105.9 C		129.5 C
12	1.62 s	18.7 CH ₃	8.00 (d, 6.9)	130.0 CH
13	1.20 s	22.6 CH ₃	7.38 (t, 7.3)	127.8 CH
14	1.95 m	36.1 CH ₂	7.43 (t, 7.2)	131.6 CH
	1.25 (dd, 13.2, 10.7)			
15	3.96 (dt, 10.7, 5.3)	67.0 CH	7.38 (t, 7.3)	127.8 CH
16		82.2 C	8.00 (d, 6.9)	130.0 CH
17	1.17 s	17.1 CH ₃	2.29 m	23.1 CH ₂
18	0.98 s	23.9 CH ₃	5.10 (t, 7.1)	123.4 CH
19	2.02 m 1.64 m	29.6 CH ₂		132.6 C
20	5.08 (t, 7.0)	123.4 C	1.67 s	25.8 CH ₃
21		132.1 C	1.62 s	17.8 CH ₃
22	1.69 s	25.6 CH ₃	2.57 m 2.51 (dd, 14.6, 7.9)	34.6 CH ₂
23	1.57 s	17.7 CH ₃	5.01 m	120.0 CH
24	0.91 s	18.1 CH ₃		134.4 C
25	1.64 m 1.20 m	38.0 CH ₂	1.61 s	26.1 CH ₃
26	1.93 m 1.87 m	25.0 CH ₂	1.51 s	18.1 CH ₃
27	2.88 (d, 9.0)	58.1 CH	2.15 (dd, 13.6, 5.3) 1.70 m	28.5 CH ₂
28		82.3 C	5.01 m	122.2 CH
29	0.98 s	28.3 CH ₃		133.5 C
30	1.21 s	24.9 CH ₃	1.70 s	26.0 CH ₃
31			1.59 s	18.0 CH ₃
32			1.14 s	17.0 CH ₃
33			4.78 (d, 7.8)	93.8 CH
34			5.99 (dd, 15.5, 7.8)	122.0 CH
35			6.17 (d, 15.6)	144.7 CH
36				71.0 C
37			1.39 s	30.0 CH ₃
38			1.38 s	29.8 CH ₃
15-OH	4.99 (d, 5.2)			

^a Recorded in DMSO-*d*₆, 400 MHz for ^1H and 100 MHz for ^{13}C NMR spectroscopic data.

^b Recorded in Chloroform-*d*, 400 MHz for ^1H and 100 MHz for ^{13}C NMR spectroscopic data.

Figure S1. ^1H NMR spectrum of **1**.

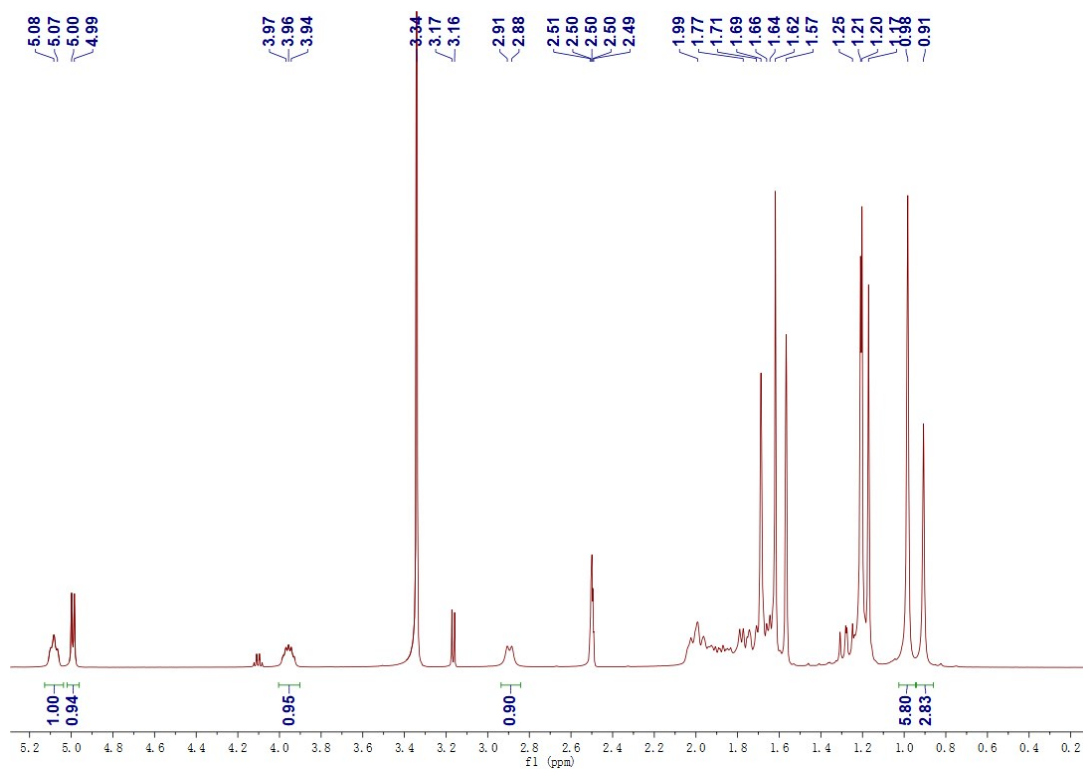


Figure S2. ^{13}C and DEPT NMR spectra of **1**.

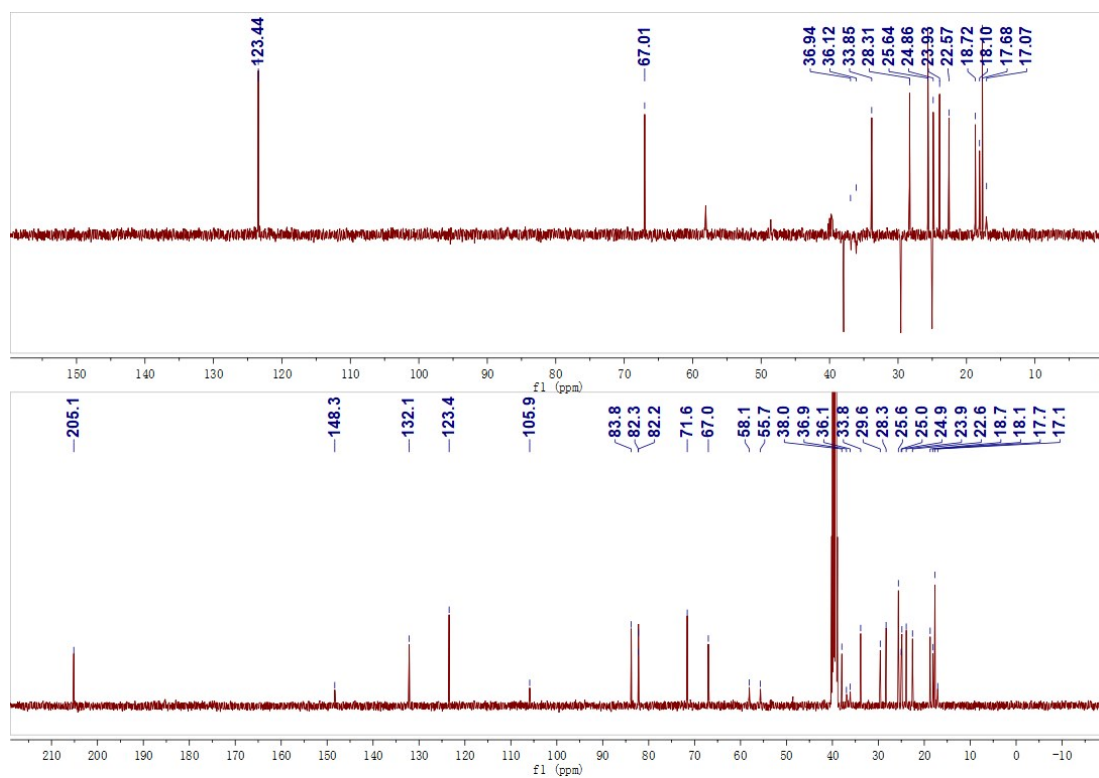


Figure S3. HSQC spectrum of **1**.

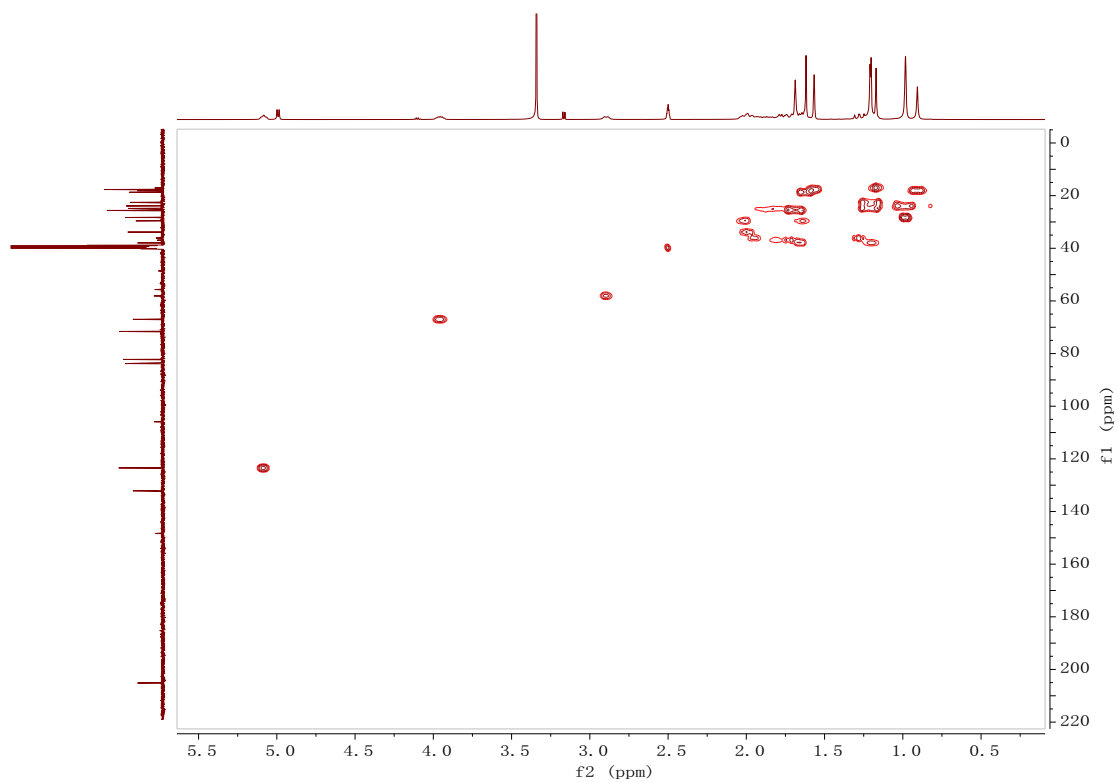


Figure S4. HMBC spectrum of **1**.

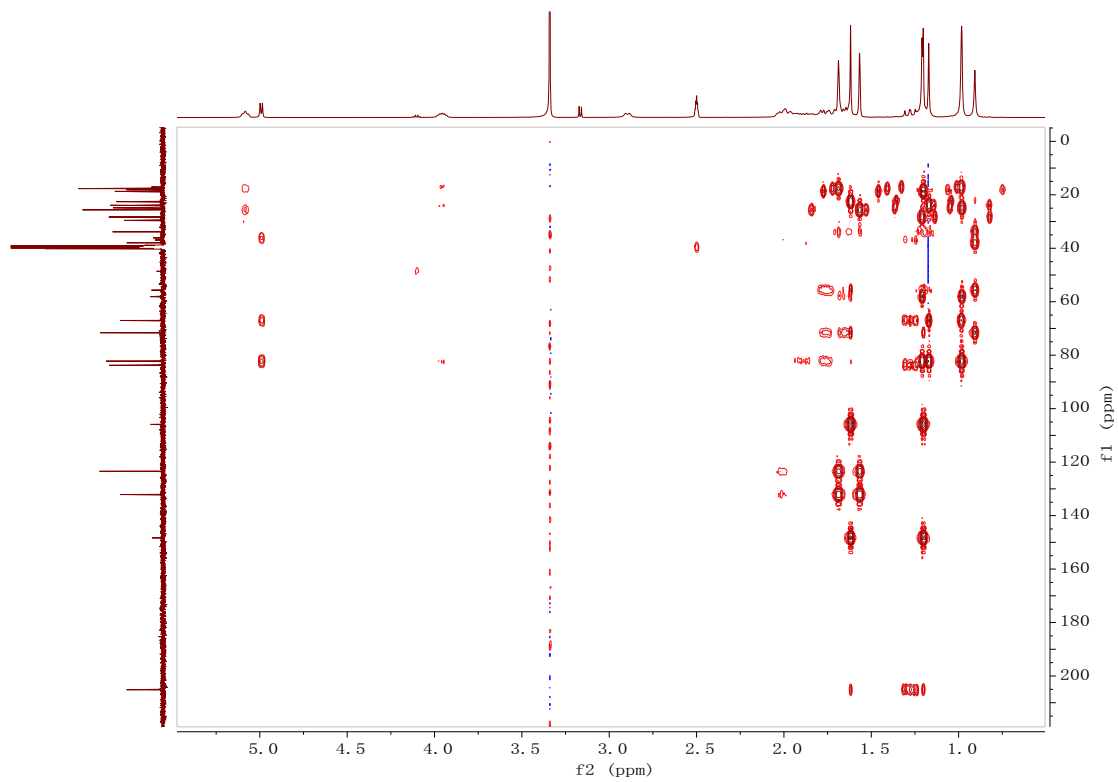


Figure S5. ^1H - ^1H COSY spectrum of **1**.

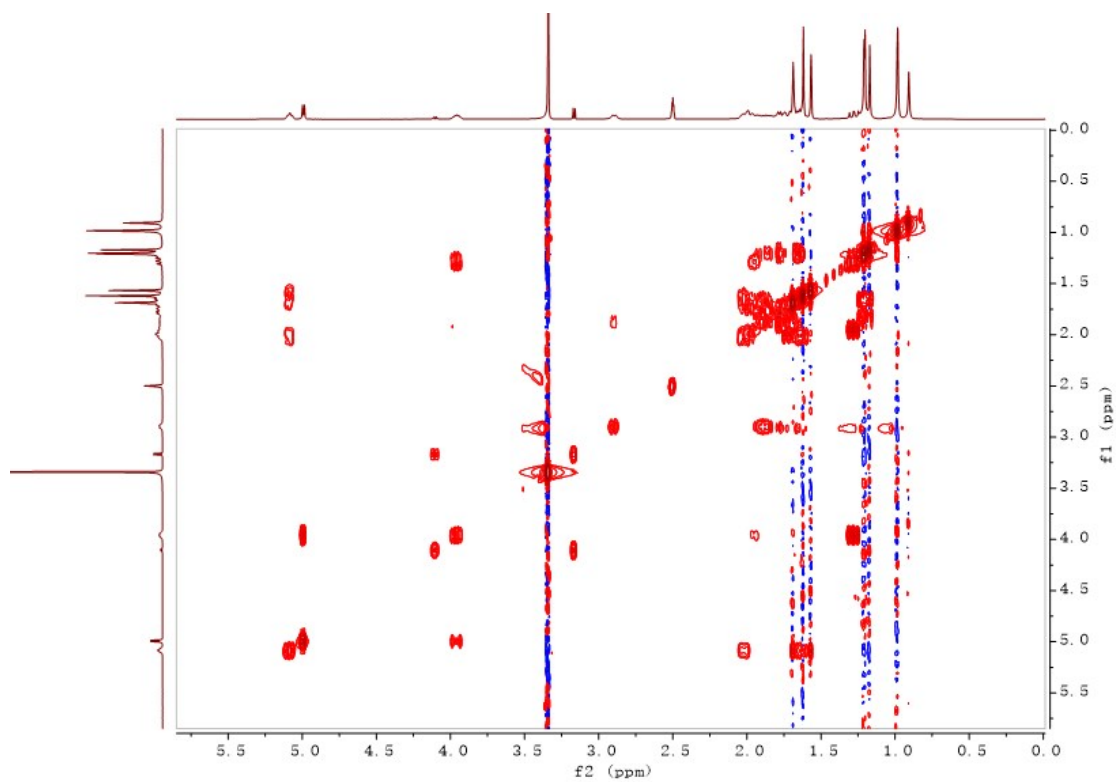


Figure S6. NOESY spectrum of **1**.

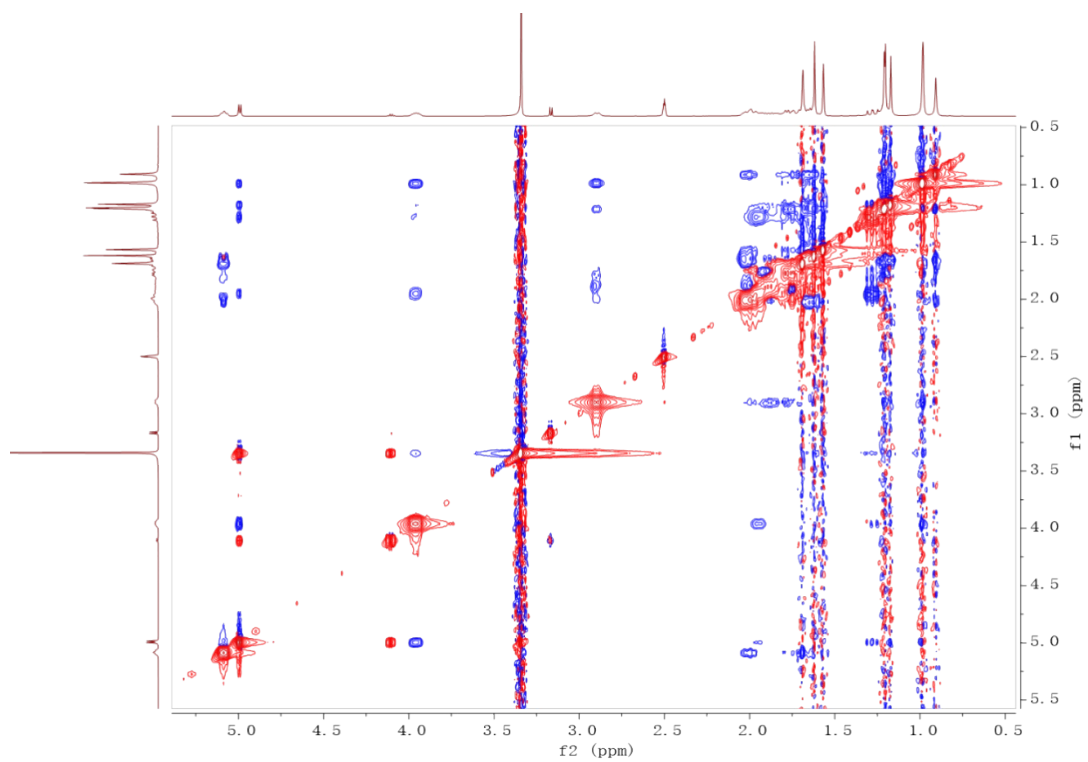


Figure S7. HRESIMS spectrum of **1**.

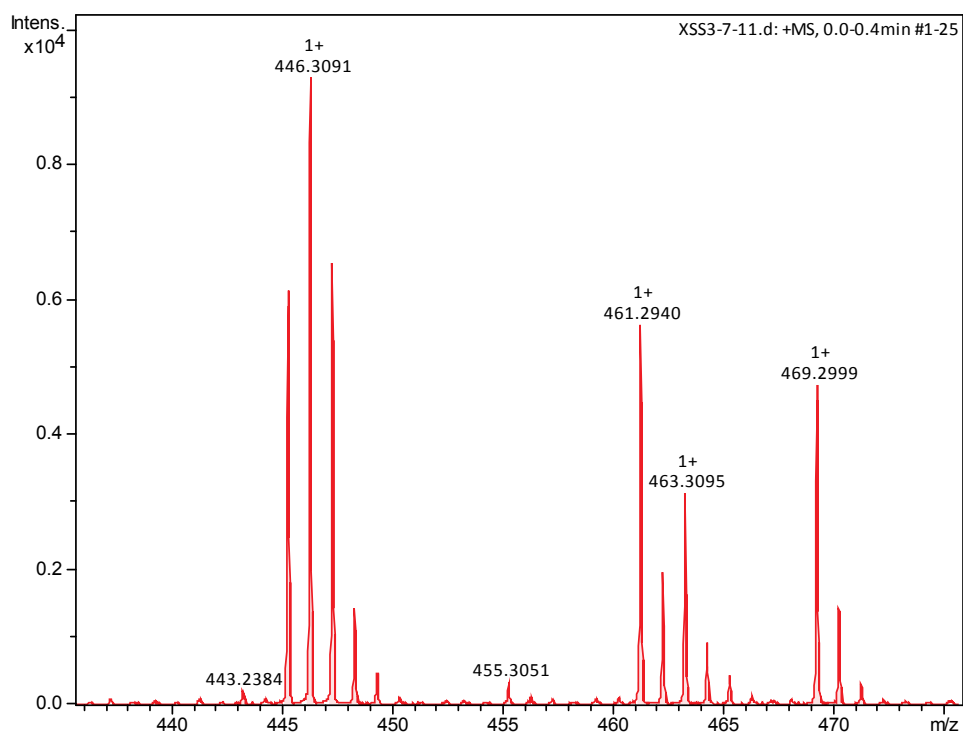


Figure S8. UV spectrum of **1**.

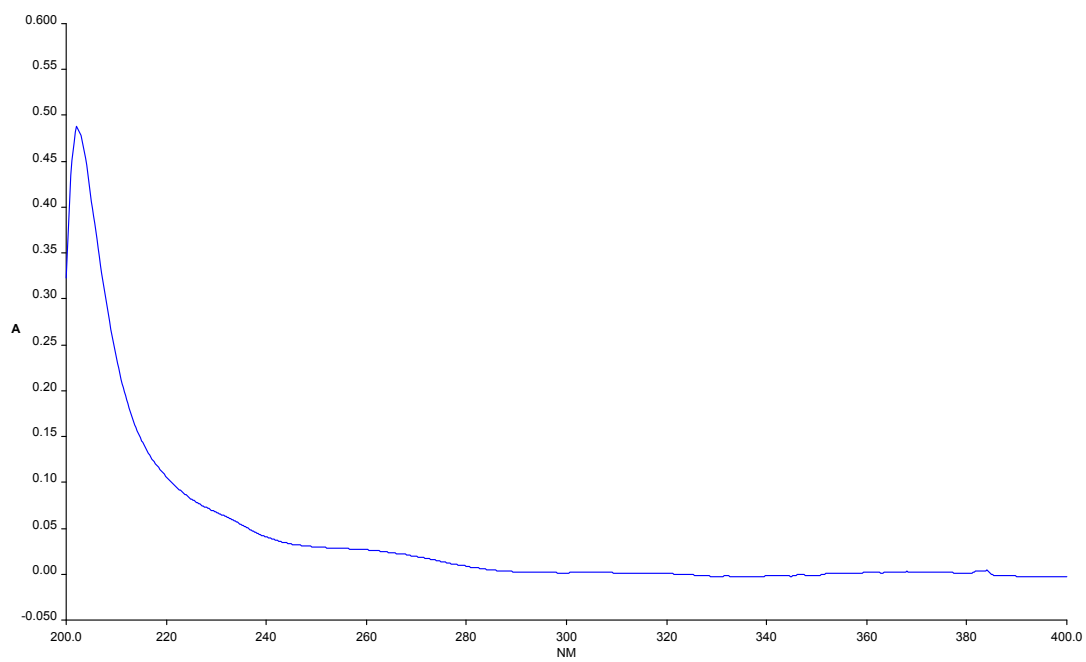


Figure S9. IR spectrum of 1.

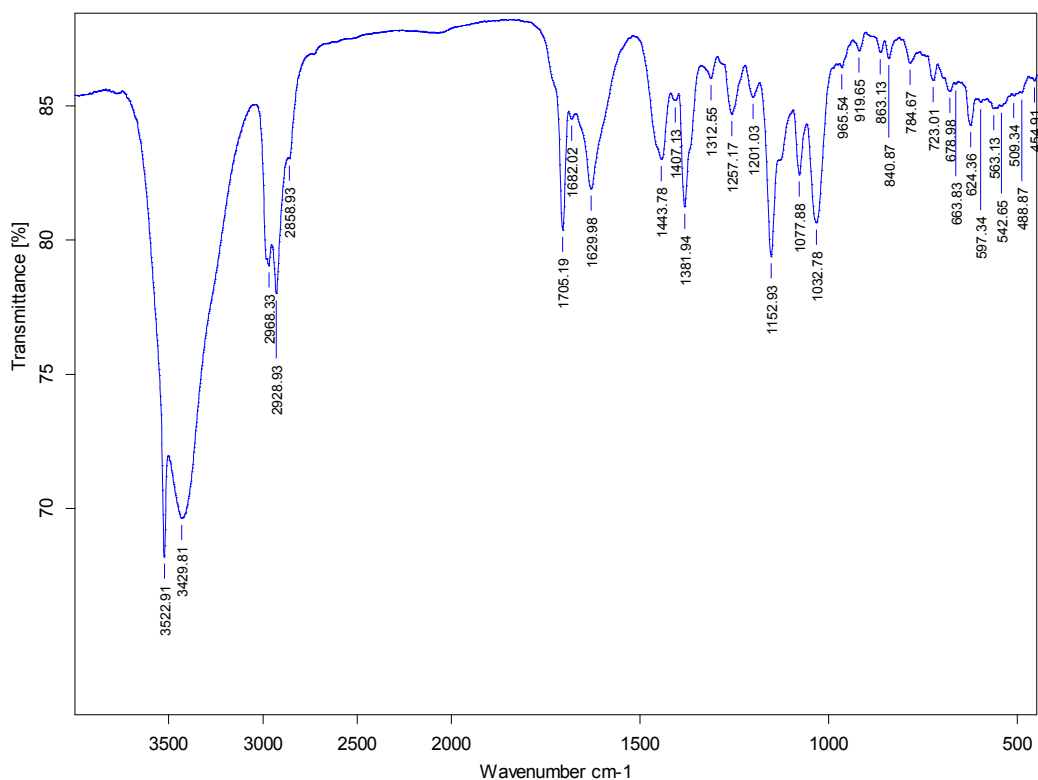


Figure S10. ¹H NMR spectrum of 2.

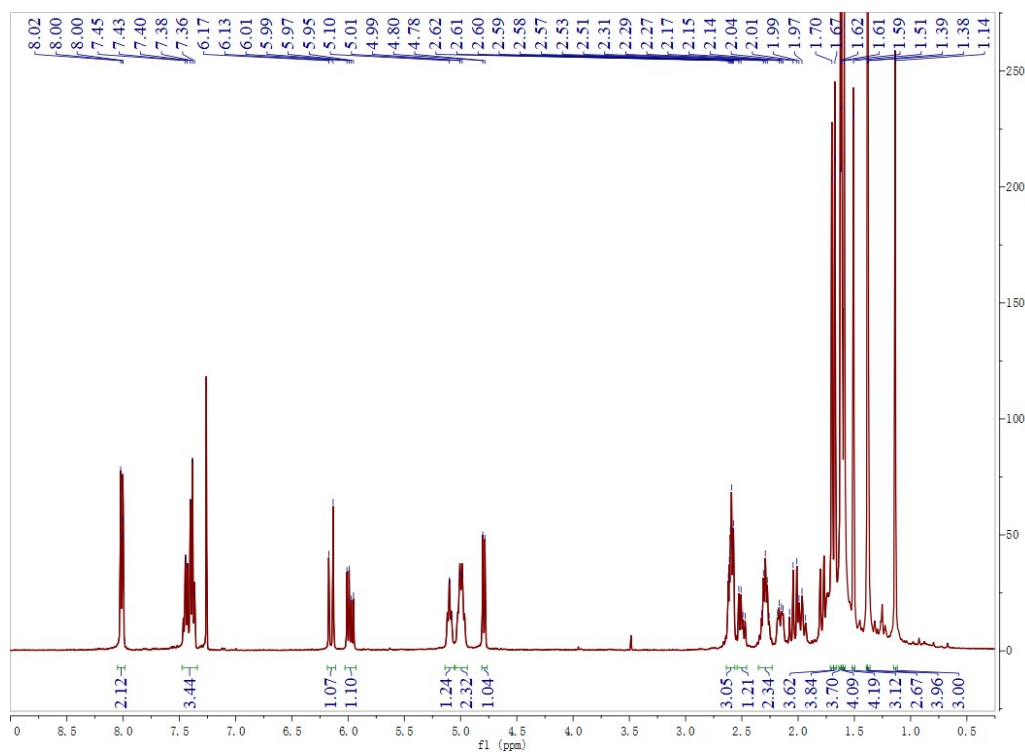


Figure S11. ^{13}C and DEPT NMR spectra of **2**.

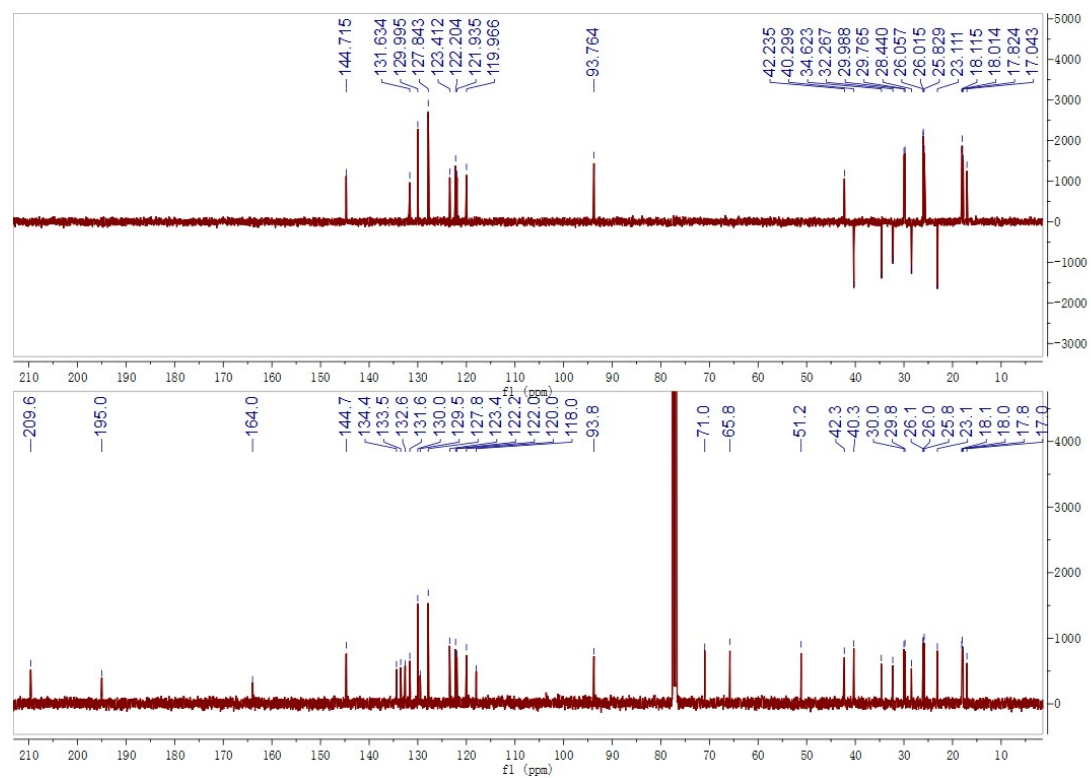


Figure S12. HSQC spectrum of **2**.

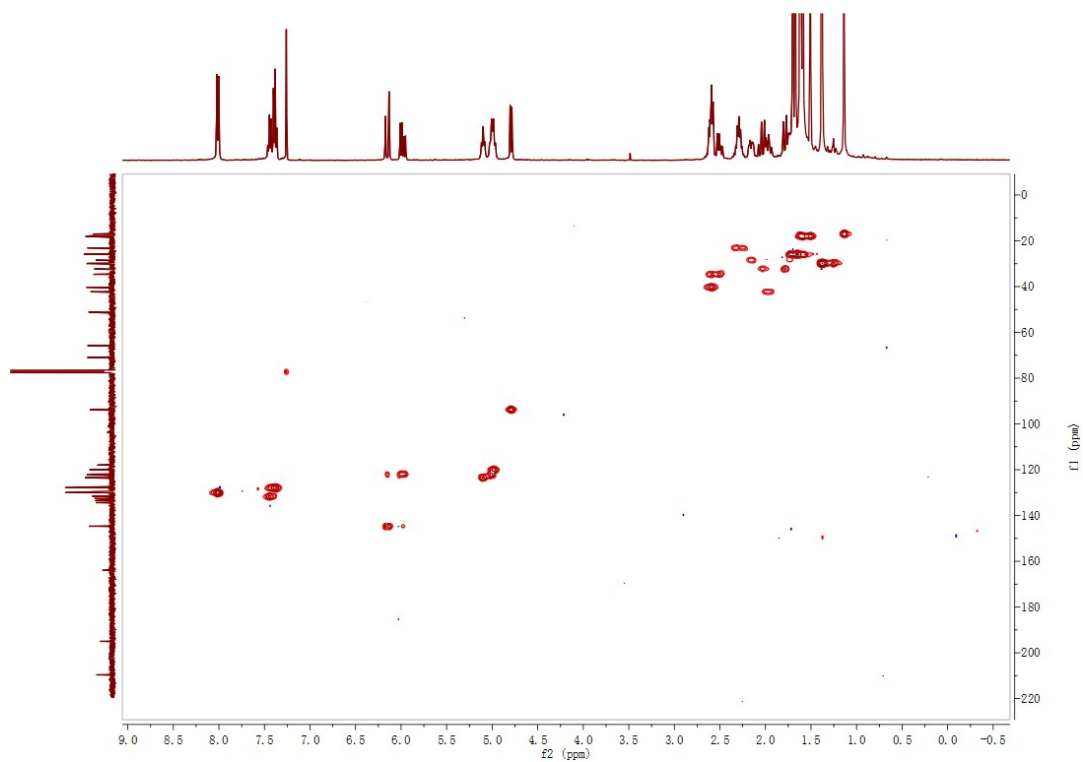


Figure S13. HMBC spectrum of **2**.

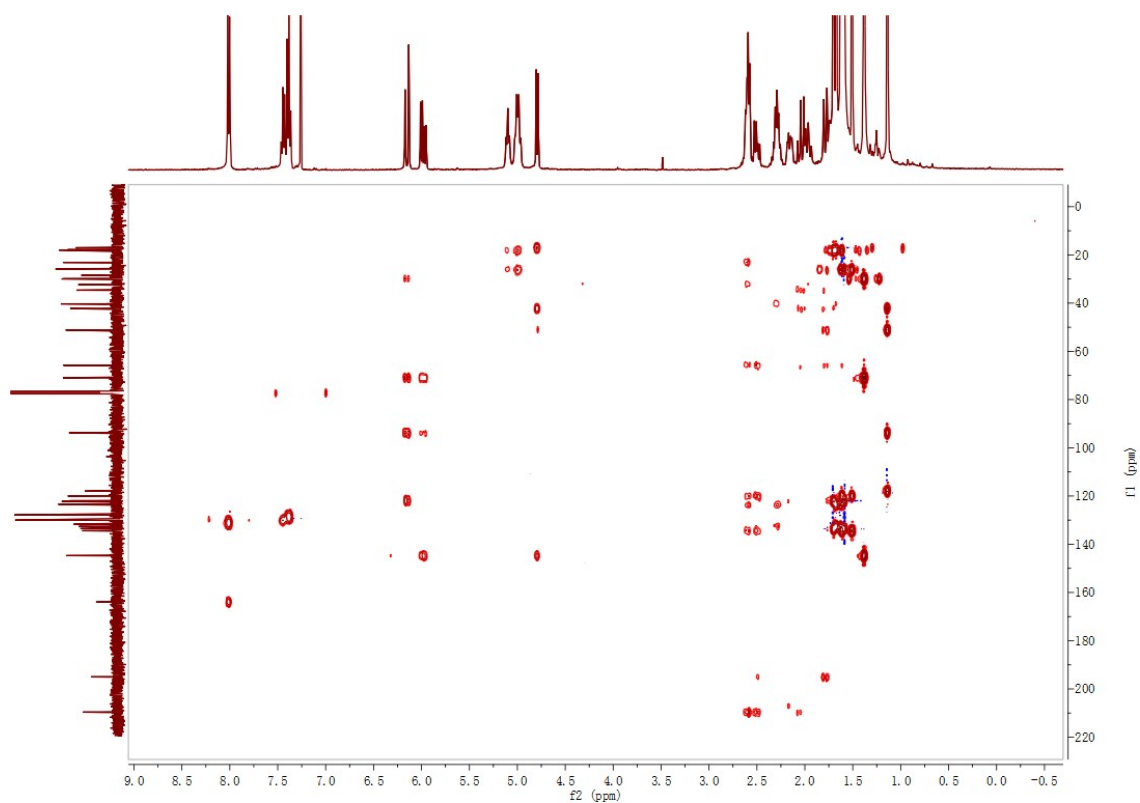


Figure S14. ^1H - ^1H COSY spectrum of **2**.

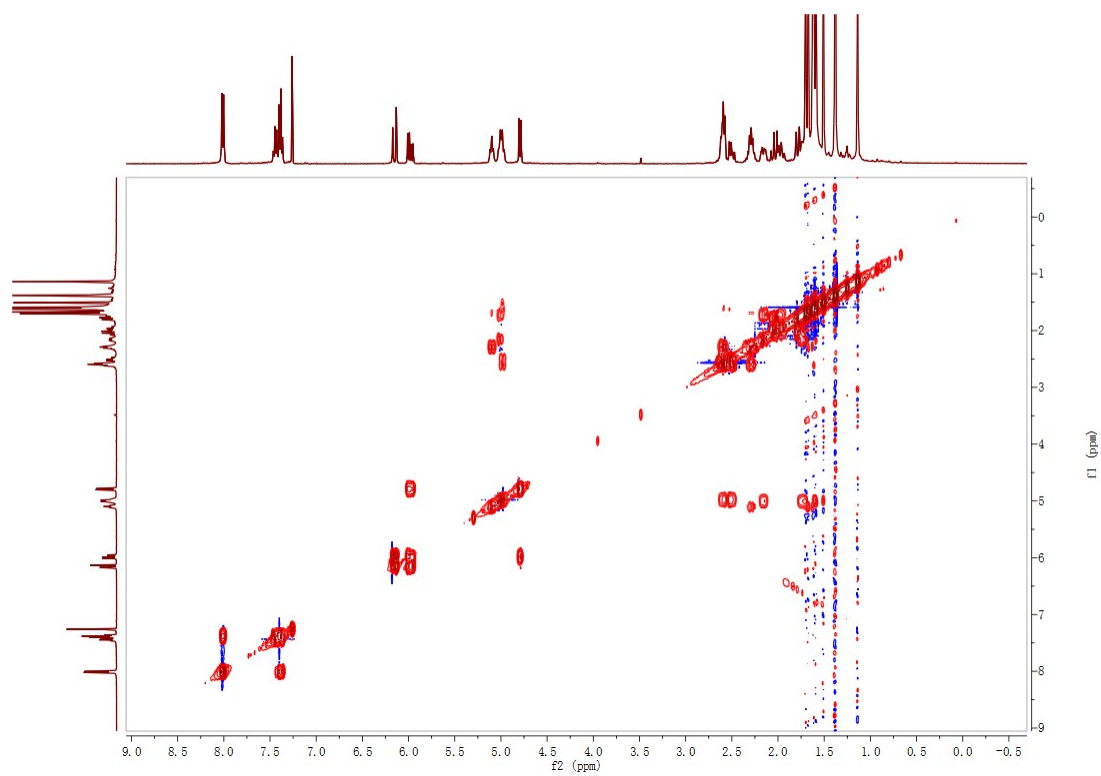


Figure S15. NOESY spectrum of **2**.

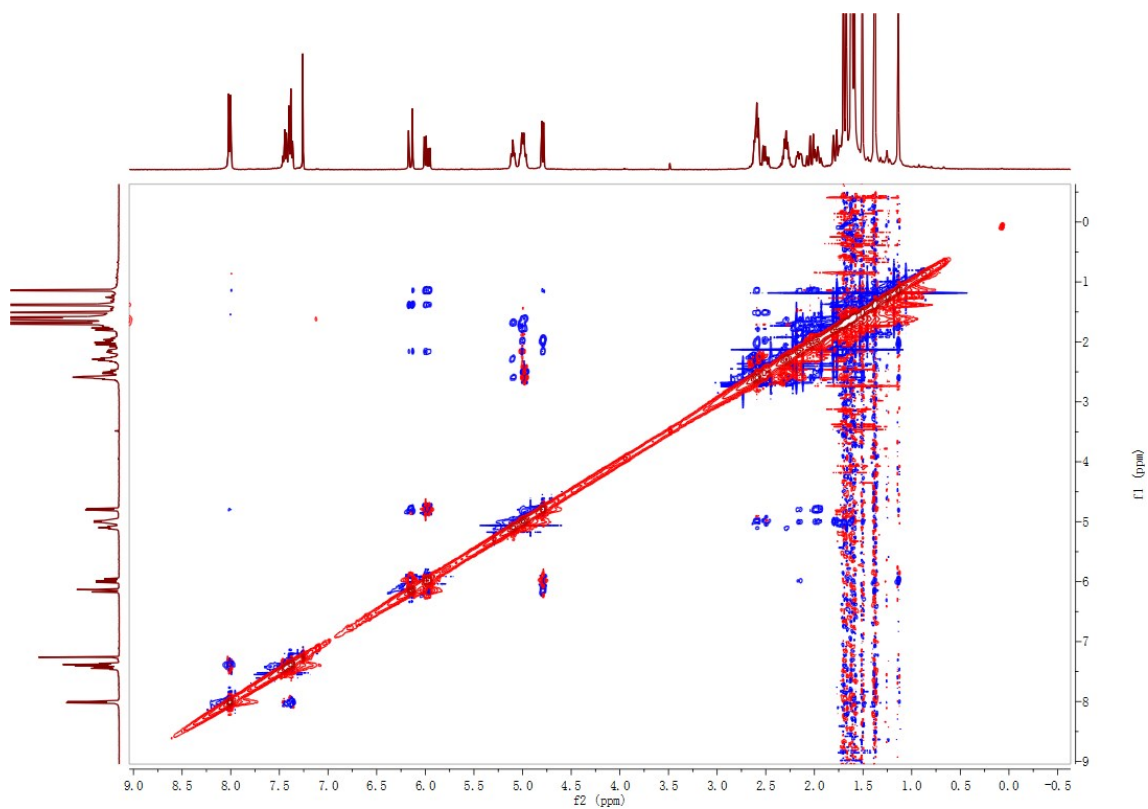


Figure S16. HRESIMS spectrum of **2**.

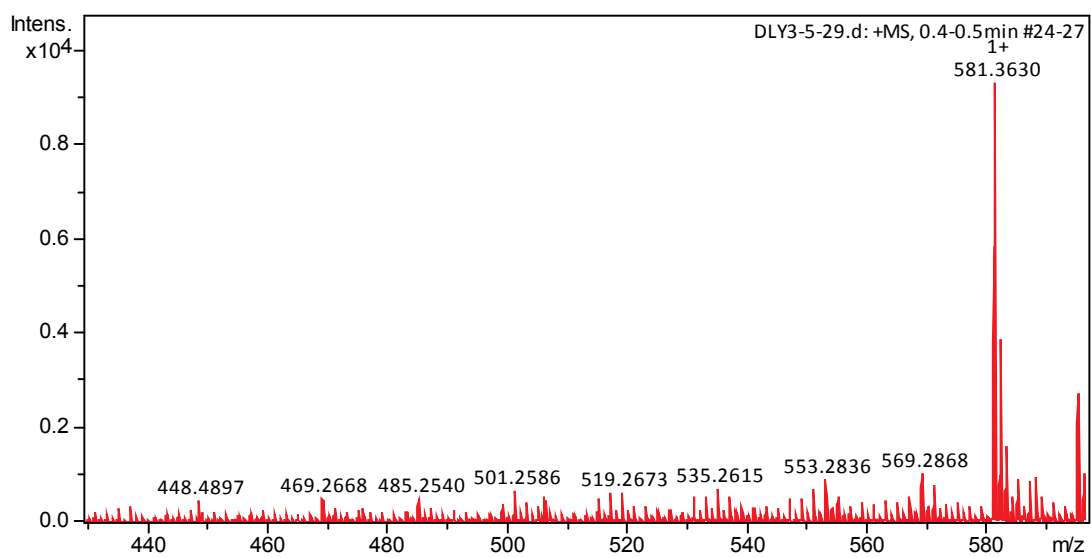


Figure S17. UV spectrum of 2.

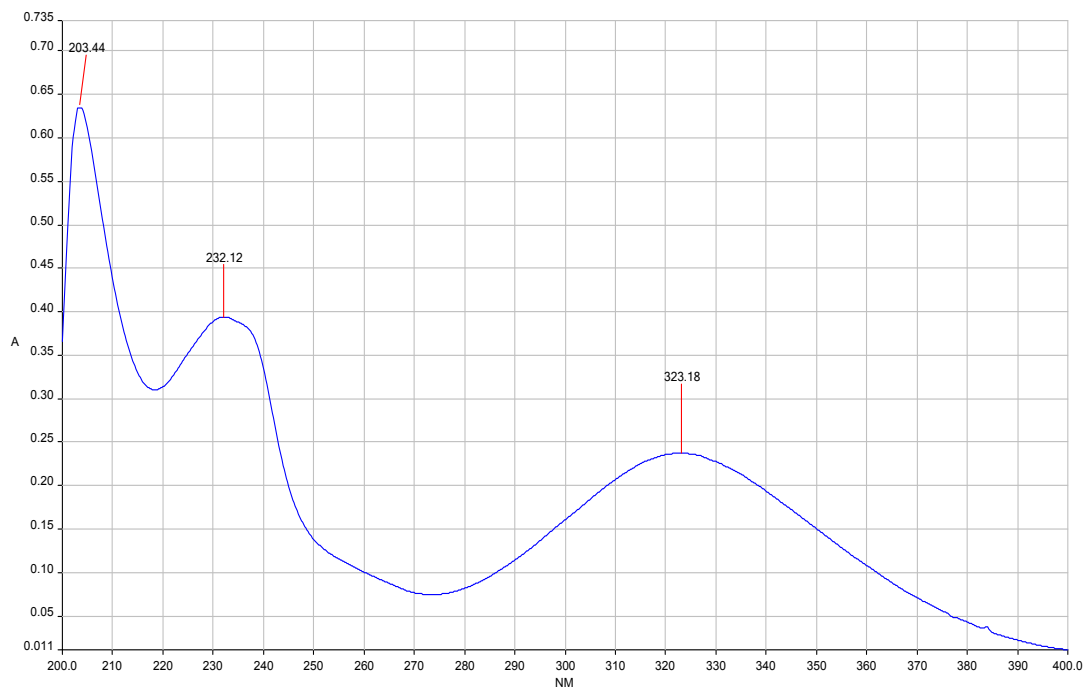


Figure S18. IR spectrum of 2.

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