## **Supporting Information**

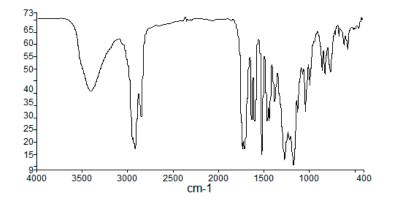


Figure S1. IR spectrum of compound 1.



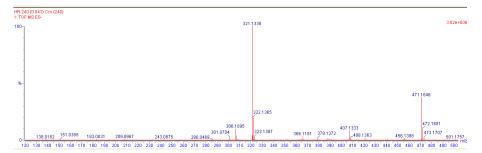


Figure S2. HR-ESI-MS of compound 1.

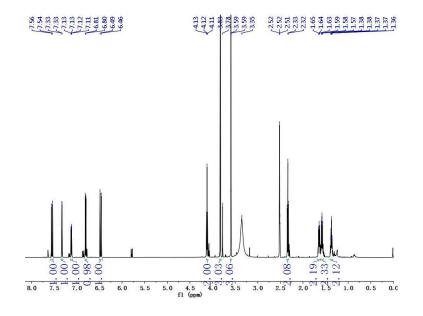


Figure S3. <sup>1</sup>H-NMR spectrum of compound 1.

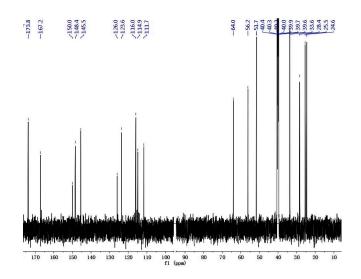


Figure S4. <sup>13</sup>C-NMR spectrum of compound 1.

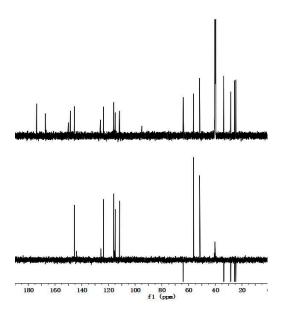


Figure S5. DEPT-135 spectrum of compound 1.

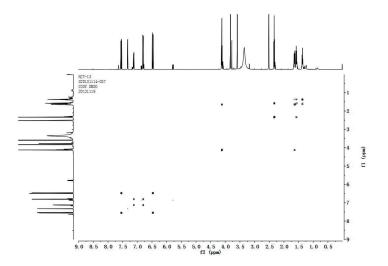


Figure S6. <sup>1</sup>H-<sup>1</sup>H COSY spectrum of compound 1.

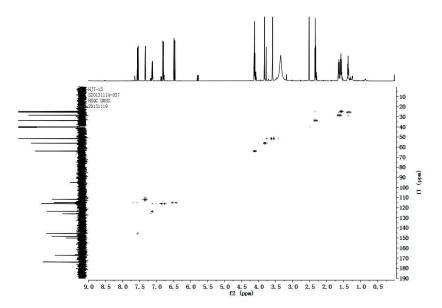


Figure S7. HSQC spectrum of compound 1.

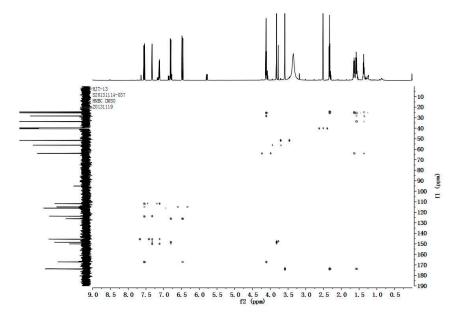


Figure S8. HMBC spectrum of compound 1.

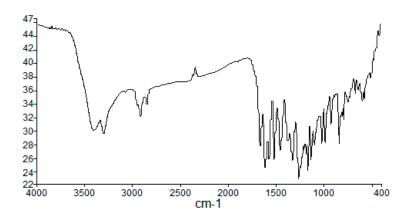


Figure S9. IR spectrum of compound 2.

	12 6 1	M 🗉	X																	
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HR-61-MS+: 1: TOF MS E	21 (0.103) Cm S+	(17:21)							317.0667										6.406	e+006
0- 317.030 For Help, pr	317. ess F1	040		317.0	50	1	317	.060	317.0	)70	317.0	80	• • • •	317	.090	 317	100	 31	7.110	m/2

Figure S10. HR-ESI-MS of compound 2.

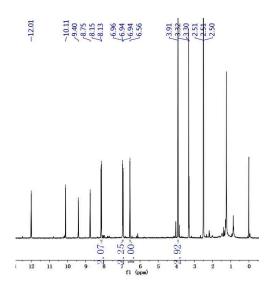


Figure S11. <sup>1</sup>H-NMR spectrum of compound 2.

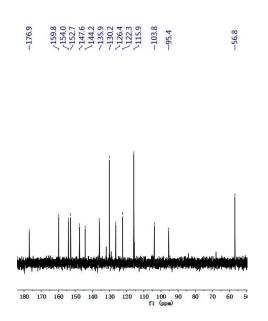


Figure S12. <sup>13</sup>C-NMR spectrum of compound 2.

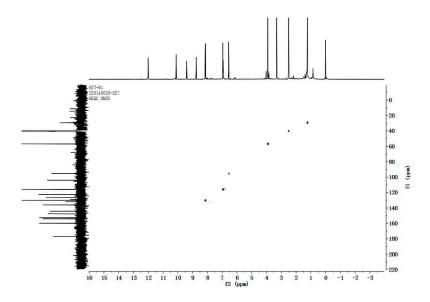


Figure S13. HSQC spectrum of compound 2.

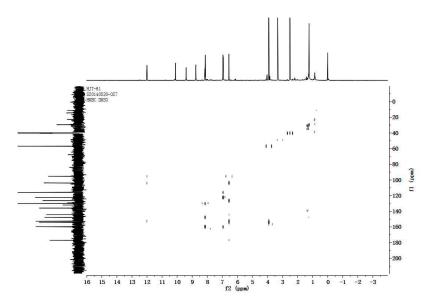


Figure S14. HMBC spectrum of compound 2.

Single M	ass Analysis																		
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	rediction: Off																		
	isotope peaks			= 3															
	oic Mass, Even (e) evaluated w			hin limit	e (all re	culte (	un to 10	)00) for ear	h maee)										
Elements U			ano wia		o (anto	Suns (			ar (1055)										
	1	1 1						1.	1.		1								
Mass	Calc. Mass			DBE				i-FIT	i-FIT Norm			H	0	Na					
381.0953	381.0950	0.3	0.8	10.5	C19 H	418 C	7 Na	1546.1	n/a	n/a	19	18	7	1					
	25 (0.110) Cm	(25-20)																	
	25 (0.118) Cm S+	(25:29)																	
: TOF MS E		(25:29)							381.0	953									1.70e+00
TOF MS E		(25:29)							381.0	953									
: TOF MS E		(25:29)	921	38	1.0299	381.0	1419 <sup>3</sup>	81.0534	381.0	953		38	1.149	0	381.1771	381.193	38 381.2	2135	381.229
I: TOF MS E	380.9760	380.99	921		1.0299		1419 <sup>3</sup> 381.05				81.125		1.149		381.1771 381.175		38 <u>381.2</u> 1.200	2135	381.229

Figure S15. HR-ESI-MS of compound 11.

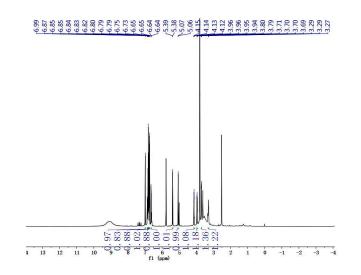


Figure S16. <sup>1</sup>H-NMR spectrum of compound 11.

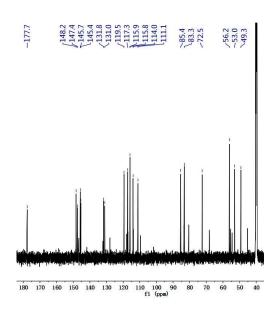


Figure S17. <sup>13</sup>C-NMR spectrum of compound 11.

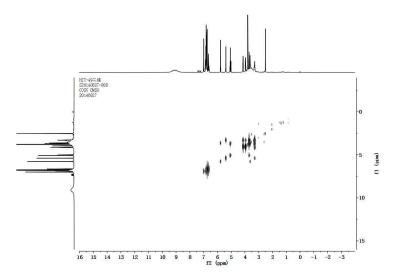


Figure S18. <sup>1</sup>H-<sup>1</sup>H COSY spectrum of compound 11.

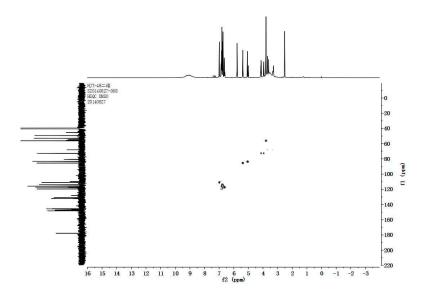


Figure S19. HSQC spectrum of compound 11.

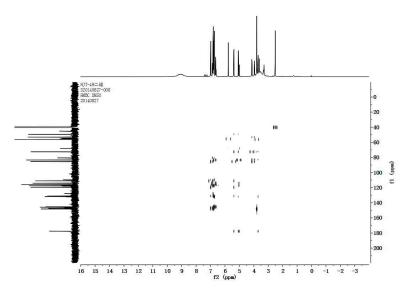


Figure S20. HMBC spectrum of compound 11.

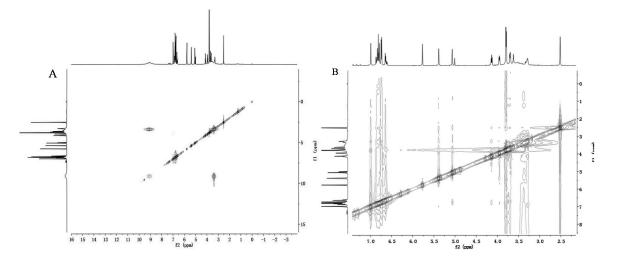


Figure S21. (A)(B) NOESY spectra of compound 11.

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Mass	Calc. Mas	s mDa	PPM	DBE	Form	ula		i-FIT	i-FIT Norm	Fit Conf %	С	н	0	N		
381.095	50 381.0950 MS+ 25 (0.118)		0.0	10.5	C19	H18	07 N	a 1707.	5 n/a	n/a	19	18	7	1		
1: TOF M	380.8654	380.905 380.900			+++++	0.998 81.00	· · · · ·	381.0466 381.050	381.0950	381.1436 381.150	381.18			2322	381.3015 381.325838 250 381.300 381.3	m/z
For Help	, press F1															1.

Figure S22. HR-ESI-MS of compound 12.

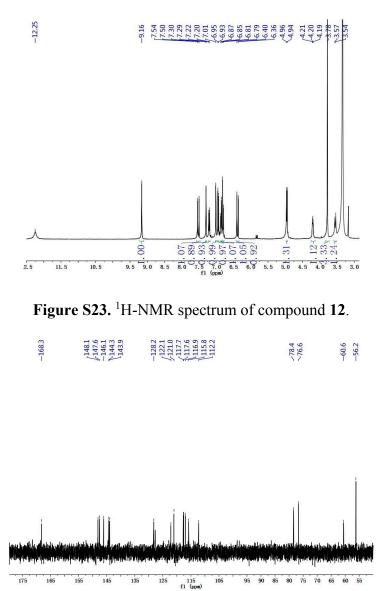


Figure S24. <sup>13</sup>C-NMR spectrum of compound 12.

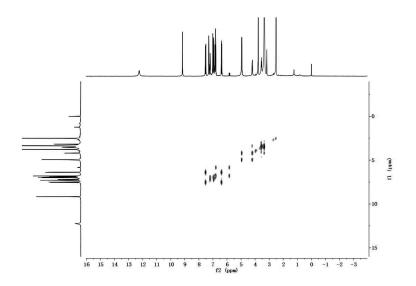


Figure S25. <sup>1</sup>H-<sup>1</sup>H COSY spectrum of compound 12.

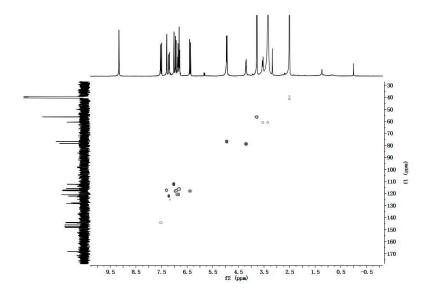


Figure S26. HSQC spectrum of compound 12.

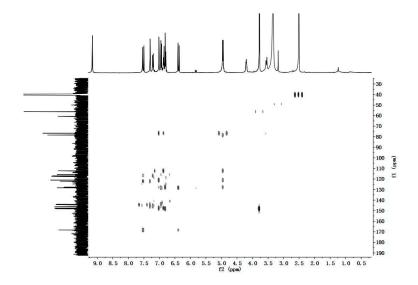
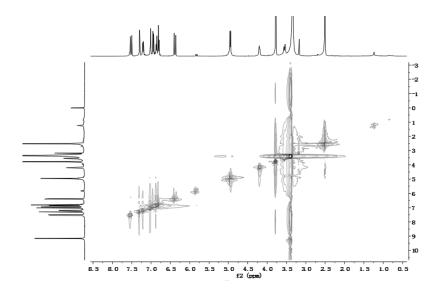
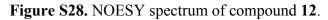


Figure S27. HMBC spectrum of compound 12.





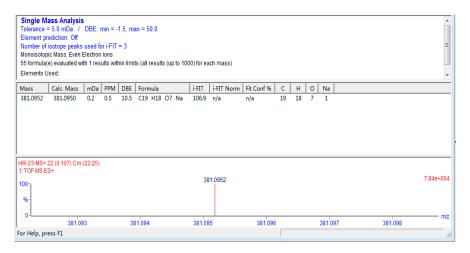


Figure S29. HR-ESI-MS of compound 13.

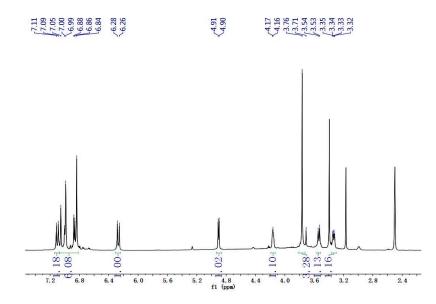


Figure S30. <sup>1</sup>H-NMR spectrum of compound 13.

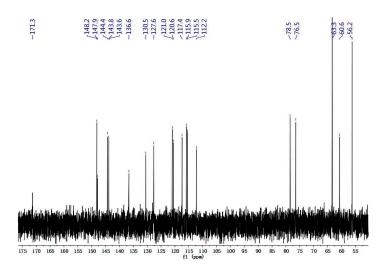


Figure S31. <sup>13</sup>C-NMR spectrum of compound 13.

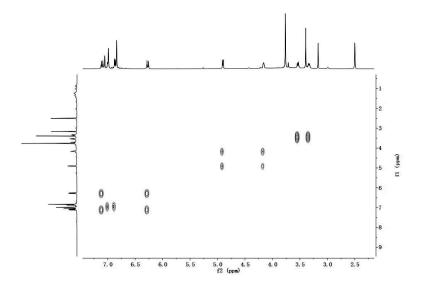


Figure S32. <sup>1</sup>H-<sup>1</sup>H COSY spectrum of compound 13.

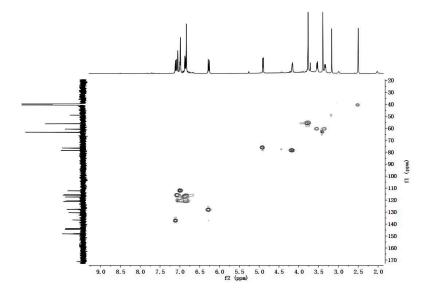


Figure S33. HSQC spectrum of compound 13.

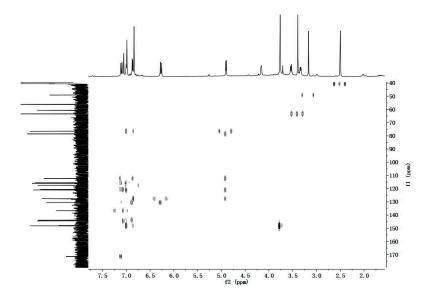


Figure S34. HMBC spectrum of compound 13.

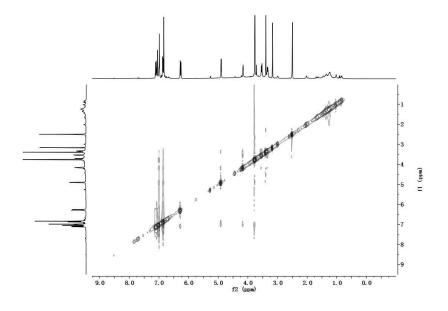


Figure S35. ROESY spectrum of compound 13.